
General

This Northern Telecom Publication (NTP) is a reference guide to be consulted when seeking to interpret and respond to an error message. This NTP is applicable to Meridian 1 Option 11C Compact.

Note: Some system messages listed in this guide are used only with other members of the Meridian 1 family of switches. They are not used with the Option 11C Compact systems. However, all Option 11C Compact system messages are listed.

The Meridian 1 uses a prompt-response system to establish and alter system configuration. It also uses a command entry system which allows data administrators to:

- view and print status of switch information
- perform background tests
- disable, enable and test system hardware (e.g. a particular phone).

When the data administrator errs in the course of using either system, the Terminal displays an error message. This NTP documents error message meanings.

Format of the Messages NTP

This NTP contains only error messages. Within this NTP, each error message type (such as SCH) is arranged in alphabetical order by its mnemonic and appears as an individual module. Within each module, error messages appear in numerical order. Individual system messages are codes represented by a three or four letter mnemonic, followed by a four digit number. For example, FHW0005.

The routing of output messages to specific terminals is controlled through the use of message classes. Messages generated during an interactive session are automatically routed to the terminal engaged in the session. Terminals are assigned output message classes through data administration.

Related documentation

Feature description

Feature information is provided in the Features and Services NTP.

Operational testing

Information and instruction regarding the testing of features and services for telephone sets and attendant (ATT) consoles is contained in the Features and Services NTP.

Administration Overlays

Information regarding administration overlay programs is provided in the *Input/Output Guide*.

Maintenance Overlays

Information regarding maintenance overlay programs is provided in the *Input/Output Guide*.

ACD—Automatic Call Distribution Load Management

The Automatic Call Distribution (ACD) Load Management feature is used by supervisors to alter the ACD configuration in response to changing traffic loads. Refer to the *ACD Load Management* NTP for details.

The ACD messages are output while load management functions are being performed.

ACD messages

ACD0000	ACD Load Management program is running.
ACD0001	Noisy ACD terminal; disabled since noise threshold exceeded.
ACD0002	Too many invalid characters entered on ACD terminal; disabled since invalid character threshold was exceeded.
ACD0003	Invalid character entered.
ACD0004	Cannot transfer the reported agent to another queue.
ACD0005	Cumulative time-out count exceeded due to slow response of the high-speed link. Traffic is too heavy. Auxiliary processor has difficulty processing the messages.
ACD0006	TTY I/O block pointer for the high-speed link is nil. Action: Remove the high-speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload.
ACD0007	Pointer to high-speed link data is nil. Take same action as for ADD160. Action: Remove the high-speed link in software, then redefine it. If problem persists, perform a system reload or parallel reload.

ACD0008	No call register available at this moment. Action: If message persists, increase the number of call registers for the customer.
ACD0010	Invalid input character; only blanks allowed.
ACD0011	Input buffer size exceeded; field too long.
ACD0012	Unknown command.
ACD0013	Invalid day; valid range 1 to 31.
ACD0014	Invalid month; valid range 1 to 12.
ACD0015	Invalid day-month combination.
ACD0016	Invalid hour; valid range 0 to 23.
ACD0017	Invalid schedule; valid range 0 to 3.
ACD0018	Invalid day of week; valid range 1 to 7.
ACD0019	Same day cannot be reentered.
ACD0020	Too many digits supplied for DN.
ACD0021	Invalid digits; valid digits are 0 to 9 and *.
ACD0022	Invalid digit; valid digits are 0 to 9.
ACD0023	DN supplied is not a valid ACD-DN.
ACD0024	Invalid RAN time threshold or time-out.
ACD0025	Invalid RAN route.
ACD0026	Invalid threshold values.
ACD0027	Queue overflow destination cannot be itself.
ACD0028	Invalid value of 'T' in TSF.
ACD0029	Same report option cannot be reentered.
ACD0030	Invalid report option.
ACD0031	DN supplied is not a valid trunk route access code.

ACD0032	Route does not auto-terminate (for SRTA command), or no members for this route (for SRTA & SPRI commands).
ACD0033	Member number out of range.
ACD0034	Invalid member number; for SRTA command it could also mean that the number selected did not have an auto-terminating ACD-DN defined.
ACD0035	Invalid priority value.
ACD0036	No empty position for agent in new queue.
ACD0037	DN supplied is not a valid ACD Position-ID.
ACD0038	Position selected must be an agent, not a supervisor.
ACD0039	An agent position can only be moved to a supervisor position, not another agent position.
ACD0040	Invalid key number.
ACD0041	Key number not reserved for agent position on supervisor's telephone.
ACD0042	Cannot transfer an agent position, currently being observed by its supervisor, to another supervisor.
ACD0043	Command number for library command is out of range (0-99).
ACD0044	Only a list command (LAPA, LATS, LRTA) can be stored in the library.
ACD0045	No message (MSG) call registers are available for sending a library command.
ACD0046	Invalid parameter list for library command.
ACD0047	Too many parameters for storage.
ACD0048	Too many ACD-DN; maximum is 6.
ACD0049	Unable to fulfill request — system error.
ACD0050	Data not available because of initialization.
ACD0051	Request for DTOT is outside of current daily reporting period.
ACD0052	Unable to fulfill request — another report is running.
ACD0053	Invalid input for report number.

ACD

ACD0054	No reports requested for DTOT/STOT.
ACD0055	DTOT/STOT only valid for senior supervisor.
ACD0056	High speed link does not exist.
ACD0057	High speed link is down. Codes ACD101-ACD105.
ACD0058	Invalid directory number.
ACD0100	Invalid digit. Valid digits are 0-9, * and #.
ACD0101	TLDD value must be from 10 to 1800.
ACD0102	All ACD-DNs specified for SQ0n must be unique.
ACD0103 DN	The Target ACD-DN (dn) cannot answer TOF calls for this Source ACD-DN because it already services 6 Source ACD-DNs. Action: To define the TLDD value remove the affected Target ACD-DN from this Source ACD-DN or from another Source ACD-DN.
ACD0104 DN	When deleting the Target ACD-DN (dn) from a Source ACD-DN with a TOFT value defined, the Source TOF queue address could not be found in the unprotected line block. This may indicate corrupted data (see BUG88) and the Source TOF calls are not terminating to the Target Agents. Action: Run the Audit Program (LD 44) and/or perform manual Initialization. If the problem persists, contact your service representative.
ACD0105	The TLDD command is not allowed when the TOF package is restricted.
ACD0106	Valid only for ACD Package D services.
ACD0107	The Priority Agent Package (PRI) is not equipped.
ACD0108	This command is only valid with the Load Management package equipped.
ACD0109	Agent Priority is out of range. Ranges: NT and XT = 1-48 All others = 1-32 (This includes RT.)
ACD0115	Command is only valid when ACD Package B is equipped.
ACD0116	Command is not valid for ACD-D customers.
ACD0117	The STOR command was not completed successfully.
ACD0211	Call is in the TOF queue, but the TOF call bit is not set.

ACD0212	Call is not in the TOF queue, but the TOF bit is set.
ACD0213	A Ring Again (RGA) call is in the TOF queue.
ACD0214	A Call Party Recall call is in the TOF queue.
ACD0300	Package for M2216 sets is not equipped.
ACD0301	The message number is out-of-range (0-99).
ACD0302	The distribution list number is out-of-range (0-9).
ACD0303	The entry number is out-of-range (0-9).
ACD0304	Allocate block failed.
ACD0310	Command not available without the NACD package 178.
ACD0311	You cannot use the NITE command with Night Tables defined in NACD.
ACD0312	You cannot use the TLDD command with Day Tables defined in NACD.
ACD0313	Invalid Table name. Only D (Day) and N (Night) are valid.
ACD0314	Input value is out-of-range.
ACD0315	The specified Target table is full.
ACD0316	There are not enough call registers available to send a data base request message to the remote ACD-DN. Action: Use the RTRY command to attempt another request.
ACD0317	No transaction ID is available. Action: If this command has a REMQ, then it is aborted. Otherwise, use the RTRY command to change the remote data base.
ACD0318	The ISDN Transport layer can not find the D-channel or PNI number. Action: If this command has an REMQ, it is aborted. Use the RTRY command to change the remote data base.
ACD0319	The Advance Network package 148 and Network ACD package 178 are required for Targets across the Network.
ACD0320	No Night Table has been defined for this ACD-DN.

ACD0321	No Day Table has been defined for this ACD-DN.
ACD0322	This Target ID does not exist in the table specified.
ACD0323	Only the Senior Supervisor can execute this command.
ACD0324	This ACD-DN does not have any routing tables defined.
ACD0325	You do not have enough memory left to allocate for this routing table.
ACD0326	You cannot define a new Day Table when this ACD-DN still has a TOFT defined.
ACD0327	You cannot define a new Night Table when the NCFW DN is defined for this ACD-DN.
ACD0328	The CWLF or CWLW thresholds cannot be defined or changed unless the NCWL option is set in LD 23.
ACD0329	Commands only accepted when RPRT = Yes.
ACD0330	Commands only valid if EAR package is equipped.
ACD0331	Commands only valid if CCR package is equipped.
ACD0332	That DN is not a valid Control DN.
ACD0333	Invalid input. Expected response is either ON or OFF.
ACD0334	Commands not valid for a CDN.
ACD0336	Cannot change the CNTL option from NO to YES if the VSID for the CDN is not defined.
ACD0337	Cannot change the TSFT option for a CDN with CNTL set to NO.
ACD0338	An ACD DN defined for data service access may not be used as a default ACD DN.
ACD0339	Cannot change the TLDA option for a CDN with CNTL set to NO.
ACD0340	Cannot change the TLDB option for a CDN with CNTL set to NO.
ACD0341	Cannot change the TLDC option for a CDN with CNTL set to NO.
ACD0342	Default ACD DN must be a valid ACD DN.
ACD0343	Command not available without the Supplementary features package 131.

ACD0344	RTQT must be set in range 0-30
ACD0345	To enable FORC please set RTQT to 0 or to enable RTQT please set FORC to no.
ACD0346	DN entered is not a valid MQA ACD DN.
ACD0347	User has entered a duplicate ACD DN for the MQA agent.
ACD0348	Not valid for MQA agent.

Application Module Link (LD 48)

An Application Module Link (AML) connects the Meridian 1 with applications such as Meridian Mail, Meridian Link and CCR. These links are provided by Enhanced Serial Data Interface (ESDI) or Multi-purpose Serial Data Interface (MSDL) cards.

LD 48 is used to maintain these links. AML messages are output to indicate command error and status conditions on these links.

AML messages

AML0002 x	ESDI/MSDL: For SWCH AML n1 n2 command, both links should belong to the same VAS. Where x= AML number in decimal.
AML0001 x	ESDI: To enable CSL, ESDL has to be in "BUSY" state. Where x= AML number in decimal.
AML0003 x	ESDI/MSDL: For SWCH AML n1 n2 command, n2 should be in the STANDBY state. Where x=AML number in decimal.
AML0004 x	No VAS ID exists for the given AML. Therefore layer seven cannot be enabled. Where: x= AML number in decimal.
AML0005 x	ESDI/MSDL: For SWCH AML n1 n2 command, n1 should be in the ACTIVE state. Where: x= AML number in decimal.
AML0006 x	ESDI/MSDL: There is no response to polling message. Where: x= AML number in decimal.

AMLM—Application Module Link Maintenance (LD 48)

An Application Module Link (AML) connects the Meridian 1 with applications such as Meridian Mail, Meridian Link and CCR. These links are provided by Enhanced Serial Data Interface (ESDI) or Multi-purpose Serial Data Interface (MSDL) cards.

LD 48 is used to maintain these links. AMLM messages are output to indicate command error and status conditions on these links.

AMLM messages

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|------------|---|
| AMLM0001 X | Illegal card type on AML x. Only ESDI or MSDL cards are allowed. |
| AMLM0002 X | For SMLP command, both ports must be in the loop back mode.
Action: Issue CNFG command first. |
| AMLM0003 X | The address of the ESDI status register on AML x is corrupt. |
| AMLM0004 X | For SMLP command both ESDI ports must be in IDLE state. |
| AMLM0005 X | Call-register timeout not supported for MSDL AML. |
| AMLM0006 X | Automatic Set Up command not supported for MSDL AML x.
Action: For MSDL AML, first insure the MSDL AML auto recovery is turned ON. Next enable the link using ENL AML #. This will enable, establish and enable the layer 7 for the MSDL AML. |
| AMLM0007 X | AML background AUDIT not supported for ESDI AML. |
| AMLM0008 | Both of the MSDL AML links must be in the disabled state. Then the stimulation loop back command can be issued. |

AMLM0009	Loop back from ESDI to MSDL or MSDL to ESDI not allowed.
AMLM0010 X	The MSDL AML command request is rejected since link x is already disabled.
AMLM0011 X	The MSDL AML command request is rejected, since link x is already established.
AMLM0012 X	The MSDL AML command request is rejected, since link x is already released.
AMLM0013 X	The MSDL AML command request is rejected, since link x is already enabled.
AMLM0014 X	The MSDL AML command request is rejected, since link x is in process of self test.
AMLM0015 X	The MSDL AML command request is rejected, since link x is in process of establishing.
AMLM0016 X	The MSDL AML command request is rejected, since link x is in process of releasing.
AMLM0017 X	The MSDL AML command request is rejected, since link x is in process of disabling.
AMLM0018 X	The MSDL AML command request is rejected, since link x is in process of loadware downloading.
AMLM0019 X	The MSDL AML command request is rejected, since link x is in process of auditing.
AMLM0020 X	The MSDL AML command request is rejected, since link x is in the disable state. First use the ENL AML # command.
AMLM0021 X	The MSDL AML command request is rejected, since link x is not in the disable state. First use the DIS AML # command.
AMLM0022 X	The ESDI AML or MSDL AML command is rejected since it is not allowed at this point.
AMLM0023 X	Data corruption. The ESDI AML IO priority number is corrupted on AML x.
AMLM0024 X	There is no response from the ESDI card. The ESDI hardware may not be equipped.
AMLM0025 X	Error: ESDI in permanent interrupt.
AMLM0026 X	For ESDI self test, the port under test should be in IDLE state and the other port of the ESDI card, if defined should be in the DISABLE state.

AMLMLM0027 X	The MSDL AML request is rejected, since the MSDL card is not operational.
AMLMLM0028 X	Warning: AML x is disabled and will not recover. This is regardless of the fact that the AML auto recovery was previously turned to the ON mode. The MSDL AML loadware requested to disable the link, and since this type of disable is not recoverable, the Meridian 1 will disable the link and will not attempt to recover. Action: You must manually enable the AML link to bring the link up again.
AMLMLM0029	Warning: The AML is disabled and will not recover, since the MSDL AML background AUDIT failed to recover from the failure. This is regardless of the fact that the AML auto recovery was previously turned to the ON mode. Action: You must manually enable the AML link to bring the link up again.
AMLMLM0030	The reset command is not supported for the ESDI AML. The command is only supported for MSDL AML.
AMLMLM0031	The reset command is allowed only when the link is established, and no pending link tasks are queued.
AMLMLM0032	Since the link is resetting the outgoing AML command is not executed. Action: Wait until the link reset activity is terminated, and then try the command again.
AMLMLM0033	Warning: The AML went into an audit. After the audit it was determined that the link should recover to the disable state. If the auto recovery is turned ON, then regardless of it, the AML will remain in the disable state and will not attempt to recover. Action: The craftperson should manually bring the link up.

AUD—Software Audit (LD 44)

LD 44 monitors system operation and provides an indication of the general state of system operation. The program is concerned with the system software. When a software problem is encountered, the program attempts to clear the problem automatically.

Audit messages are not to be interpreted as hardware faults though certain codes can indicate hardware-related problems. For normal system maintenance, the audit outputs should be ignored when classifying and isolating faults. When audit outputs are excessive or continue to occur, the problem must be reported.

*CRINFO = Any Call Register (CR) information that follows an AUD message consists of: CR pointer, the progress mark word, and the originating and terminal numbers contained in the CR (4 words in total).

AUD messages

AUD0000	One pass made by audit. No errors detected. System software OK. No action to be taken.
AUD0001	An attendant CR pointer is pointing outside the Call Register (CR) range. Source list or destination pointer set to nil. Terminal Number (TN), CR information, attendant loop and progress mark are output.
AUD0002	Attendant CR pointer is pointing to CR which does not contain its TN. Source list or destination list set to nil. TN, CR information attendant loop and progress mark are output.
AUD0003	Station active Call Register pointer is outside CR range. Active CR pointer set to nil. TN, CR information and progress mark are output.

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AUD0004	Digitone receiver is pointing to CR which does not contain its TN. Active Call Register of Digitone receiver set to nil. TN, CR information and progress mark are output.
AUD0005	Station (line, trunk) pointing to CR which does not contain its terminal number. Active Call Register set to nil. TN, CR information and progress mark are output.
AUD0006	Given queue has incorrect block length. Length in queue block is corrected.
AUD0007	Given block was found in queue but QUEUE UNIT block pointer was incorrect. Queue is corrected. Block pointer, type, queue.
AUD0008	Conference pointer is pointing to CR outside of CR range. Conference pointer is set to nil. CR information, conference loop, conference slot and progress mark are output.
AUD0009	Conference pointer is pointing to CR which does not contain its conference loop, time slot or TN. Conference pointer is set to nil. CR information, conference loop, conference slot and progress mark are output. If repeated, fault may be in conference card.
AUD0010	Conference pointer is pointing to CR which does not have originating type as conference. No action required. Refer problem to operating company. TN, CR information and progress mark output. If repeated, fault may be in conference card.
AUD0011	End pointer of queue not pointing to last CR in the queue. Relink. Head pointer, end pointer and queue output.
AUD0012	Link queue contains CR with its CR link outside of CR range. Relink. Head pointer, CR link, queue output.
AUD0013	The Call Register queue HEAD_PTR is not within the valid Call Register range. The queue will be rebuilt as an empty queue. QUEUE_BLOCK_PTR, HEAD_PTR, CRSTART, CREND, QUEUE.
AUD0014	Call Register not in expected queue. Link into queue. CR information, queue and progress mark output.
AUD0015	Trunk block contains incorrect TN. Correct TN.
AUD0016	CR should be unlinked. Unlinks CR. CR information and progress mark output.
AUD0017	Network even map is not the same as the network even audit map. Network map has been updated to match audit map. No action required. Output: Loop, network even map, and network even audit map.

AUD0018	Network odd map is not the same as the network odd map. Network map has been updated to match audit map. No action required. Output: Loop, network odd map, and network odd audit map.
AUD0019	Network audit indicates time slot is not in use but network memory is marked busy. Time slot is marked idle. Output: Slot address and memory contents are output. Action: If AUD019 is repeated, particularly without AUD017 and AUT018, a fault is the Peripheral Signalling card may be indicated. Check PS card.
AUD0020	Attendant loop is greater than the allowable maximum of five. Action: Contact operating company. CR information and progress mark output.
AUD0021	TN in CR does not have pointer to this CR. TN in CR cleared. CR information and progress mark output.
AUD0022	CR for Recorded Announcement (RAN) trunk is used with incorrect TN. CR is idled.
AUD0023	Digitone receiver still attached even though progress mark not ready or dialing. Digitone receiver made idle. CR information and progress mark output.
AUD0024	CR contains invalid Digitone receiver TN. Digitone receiver TN in CR cleared. CR information and progress mark output.
AUD0025	Entering debug mode on encountering error condition.
AUD0026	Circular link queue. Relinked. Queue is output.
AUD0027	Invalid AUXPM in Call Register. Call register information is output. The Call Register is idled.
AUD0028	Call Register (CR) has no pointer to it. The CR has been released. No action required. Output: CR information, TN and progress mark
AUD0029	Bad TN in CR. No action. Contact operating company. CR information, TN and progress mark output.
AUD0030	Call Register has type AIOD (Automatically Identified Outward Dialing) but CR is not in AIOD queue. CR is idled. CR information is output.
AUD0031	Junctor map is not the same as the junctor audit map. Junctor map is corrected. Junctor group, junctor map and junctor audit map are output.

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AUD0032	Junctor audit indicates a timeslot is idle but the junctor memory is marked busy. Time slot is marked idle. Junctor address and memory contents are output.
AUD0033	Circular list of auxiliary Call Registers is broken. All known CR in the list are idled including the father CR. CR information, auxiliary CR ID, Process Type and Pointer to next auxiliary are output for each CR idled.
AUD0034	An auxiliary ARS Call Register points to a main Call Register which has an illegal main PM. The auxiliary CR is idled. CR information for the main CR and the auxiliary CR are output.
AUD0035	End of Call Detail Recording (CDR) queue reached without finding a CR for the port but the port pointer is not END_OF_QUEUE. The port pointer is set to END_OF_QUEUE. Port number is output.
AUD0036	The port is not a CDR port but the port pointer does not point to END_OF_QUEUE. The port pointer is set to END_OF_QUEUE. Port number is output.
AUD0037	The CDR queue is broken. The port pointer is set to the start of the CDR queue. Port number is output.
AUD0038	The first CR for a CDR port number has been found but the port pointer does not point to it. The port pointer is made to point to the CR. Port, CDR customer are output.
AUD0039	A CDR CR has invalid port bits set in the CR. Invalid bits are cleared. Port, CDR customer are output. Customer Data Block (CDB) should be checked for errors in data.
AUD0040	A CDR CR has been found with no port bits set while Auditing a port queue. The CR is idled. Output: port, CDR customer.
AUD0041	The successor of an RGAT CR has a higher priority than the CR itself. Successor priority is set to the CR priority. Output is 4 pairs of numbers, the first referring to the CR, the second to the successor. The pairs are RGAT priority, RGA_PM, ORIGN and CR address.
AUD0042	Terminal does not match TN in Call Register. Terminal CR information output. RLA pointer pointing to the CR is cleared.
AUD0043	RLA Call Register pointer is not in Call Register range. Output: RLA_CR_PTR, CR information. RLA CR pointer is cleared.

AUD0044	CR with main Progress Mark of RLA_CONF_DISC found. Output: CR info. CR is idled.
AUD0045	RLA Call Register is found, but there are no pointers in the RLA block to this Call Register. Output: CR information. CR is idled.
AUD0046	Unable to TNTRANS RLA TN. Output: TN, CR information. CR is idled.
AUD0047	A talk slot is set in the Call Register but the RLA_CONF_TN is set in the RLA block while the pointer to the CR is RLA_INFO. Output: CR information. Talk slot is idled.
AUD0048	Either the originating or terminating TN is not set in an RLA CR with a talk slot. Output: CR information. Talk slot idled.
AUD0049	Unable to find protected loop block for Tone Detector (TD) slot in RLA CR. Output: TD SLOT and CR information.
AUD0050	Protected loop block found via TD slot in RLA Call Register but loop type is not TD loop. Output: PLOOP block, loop type, TD slot and CR information.
AUD0051	Protected loop block found via TD slot in RLA CR but ULOOP block pointer is nil. Output: PLOOP block, loop type, TD slot and CR information.
AUD0052	TD slot set in RLA CR but no valid TN can be found. Output: TD slot and CR information. CR is idled.
AUD0054	Main PM is CAS_INFO_TONE but the RLA_INFO pointer in the RLA block is not pointing to this Call Register. Output: CR information. CR is idled.
AUD0055	The main PM is neither ringing nor established but the pointer in the RLA block to this RLA Call Register is not RLA_DEST. Output: CR information. CR is idled.
AUD0056	Nil pointer to ACD_LIST or U_ACD_BLOCK. Output: Customer and ACD_LIST_PTR.
AUD0057	Queue ID of Automatic Call Distribution (ACD) queue is not ACD. Output: Customer, U-ACD-BLOCK-PTR, ACD queue type and queue ID. Queue ID corrected.
AUD0058	End pointer of ACD queue does not point to the last CR in the queue. Output: Customer, U_ACD_BLOCK_PTR and ACD queue type.
AUD0059	Queue length in ACD queue block differs from number in queue. Output: Customer, U_ACD_BLOCK_PTR and ACD queue type. Queue length corrected.

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AUD0060	ACD queue contains CR with pointer out of CR range. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR link. ACD queue terminated at this CR.
AUD0061	QUEUE-IN of CR in ACD queue is not ACD. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and QUEUE_IN. QUEUE_IN corrected.
AUD0062	CR in given ACD queue but AUXPM does not match. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR information. AUXPM corrected.
AUD0063	Invalid ACD AUXPM. Output: Customer, U_ACD_BLOCK_PTR, ACD queue type and CR information. CR idled.
AUD0064	ACD CR has son CR but it is not a RAN CR. Output: CR information for son CR and father CR. Son CR is idled.
AUD0065	DNTRANS for ACD Call Register failed. Unable to find correct queue. Output: CR info, DIGIT_WORDS 0 . CR idled.
AUD0066	Nil pointer returned from DNTRANS for ACD CR. Unable to find correct queue. Output: CR info, DIGIT_WORDS 0 .
AUD0067	CR found in main ACD queue. Output: CR information. Call Register is idled.
AUD0068	ACD block linkage broken. Output: Customer and ACD index.
AUD0069	ACD CR not in correct queue. Output: CR information. CR linked into queue according to the AUXPM.
AUD0070	CR found with MAINPM_SPECIAL while process is ACD_RAN_PROCESS. Output: CR information. CR idled.
AUD0071	CR found with MAINPM_SPECIAL and invalid process. Output: CR information. CR idled.
AUD0072	Attendant terminal in CR has no pointer to this CR. CR was being used for special function. Output: CR information. CR idled.
AUD0073	Digit display CR with MAINPM_SPECIAL but not in 2 s queue. Output: CR information. CR idled.
AUD0074	TTR attached when no TTR should be present. Output: CR information and TTR-TN. TTR is idled.

AUD0075	Trunk detected in half-disconnect state but no timing is active on the CR. Output: CR information, Trunk TN and TRUNKPM. Release message sent to trunk, active CR set to nil, TN in CR cleared.
AUD0076	Music trunk has a bad Call Register in active CR. Output: CR information. The active CR is cleared.
AUD0077	Music CALLREG has a bad conference TN. Output: CR information. The Call Register is idled.
AUD0078	Music CALLREG has a bad AUXPM. Output: CR information. The Call Register is idled.
AUD0079	Music on hold has improper CALLREG. Output: CR Information. The Call Register is idled.
AUD0080	Music dialed connection has improper CALLREG. Output: CR information. The Call Register is idled.
AUD0081	Music source has improper CALLREG. Output: CR information. The Call Register is idled.
AUD0082	Message Call Register is not in the expected queue (.QU_AUX_HSOP or .QU_AUX_H SIP). Output: Call Register information.
AUD0083	Wandering message Call Register. Output: Call Register information.
AUD0084	Call Register in cadence queue was found to contain no originating party. Any ringing will be removed from the terminating party and the Call Register will be idled.
AUD0085	CR in attendant queue has AUXCR not equal to RAN_RAN_PROCESS: CR information and queue.
AUD0086	No wanted party call present for Break-In. Break-In bit in CONLOOP reset. Output: CR Information.
AUD0087	No attendant-destination CR found for Break-In feature. Console restored to state prior to Break-In. Output: CR Information.
AUD0088	Break-In CONLOOP reset.
AUD0089	Break-In indicated but no active attendant and loop. Console returned to state prior to Break-In. Output: CR Information.
AUD0099	Invalid MAINPM. Output: CR information. CR is idled.

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AUD0200	Invalid ORIGIN in Group Call (except conference circuit.) Warning message. CR information is output.
AUD0201	No Group Call customer data. Idle CR information and customer number are output.
AUD0202	No unprotected Group Call data. Warning message. Customer number and group number are output.
AUD0203	CR has no pointer to Group Call data. Set GRP_ULPTR in CR. CR information, new ULPTR and old ULPTR are output.
AUD0204	CR number does not match GRP_CALL_CRPTR position. Action: Set new CR_NO. CR information, new CR_NO, old CR_NO are output.
AUD0205	Group Call ORIG_BIT has incorrect information. Action: Set GRP_ORIG bit in CR. CR information is output.
AUD0206	Group Call busy bit not set. Action: Reset busy bit only in ORIG call. CR information is output.
AUD0207	Cannot find group data pointer in CR. Action: Reset Group Call data in CR. CR information, OLD_ULPTR are output.
AUD0208	Action: Reset Group Call data in CR. CR information is output.
AUD0209	Action: Reset one group member in Group Call. Reset group data in CR and member data. CR information and member number are output.
AUD0210	No father CR for the NFCR process.
AUD0211	AUXCR of NFCR process not in CR range.
AUD0212	Invalid main PM for NFCR process.
AUD0213	A Ring Again call is in the TOF queue.
AUD0214	ORIG timer type is invalid and has been corrected as indicated: CRPTR CRWORD(0) BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE or TIMING_BLK_PTR TN BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE.
AUD0215	TER timer type is invalid and has been corrected as indicated: CRPTR CRWORD(0) BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE or TIMING_BLK_PTR TN BLOCKTYPE CURRENT_TYPE SHOULD_BE_TYPE.

AUD0216	Call Register/timing block does not belong in this queue and has been removed. CRPTR CRWORD(0) BLOCKTYPE QUEUE_IN or TRK_TIMING_PTR TN BLOCKTYPE QUEUE_IN.
AUD0217	USTM CR was not in the low priority 2 second queue. It will be linked to the queue. CRPTR CRWORD(0) BLOCKTYPE QUEUE_IN.
AUD0218	USTM CR in the low priority 2 second queue has a bad ORIGN. The CR will be idled. *CRINFO
AUD0219	Only trunk calls can be USTM timed. The CR will be idled. *CRINFO
AUD0220	The ORIGN of the USTM CR was not a trunk. It will be corrected. *CRINFO ORIGN
AUD0221	USTM_TIMING_CR in the trunk block does not point to the correct USTM CR. It will be corrected. *CRINFO USTM_TIMING_CR
AUD0222	An invalid USTM CR was encountered. The CR will be idled. *CRINFO USTM_TIMING_CR
AUD0223	No more USTM timing is required on this trunk. The timing will be terminated. *CRINFO
AUD0300	Invalid son type.
AUD0301	Signaling son register with invalid main PM in the Call Register.
AUD0302	Invalid testline type or index in CR.
AUD0303	CR not in customer data block.
AUD0304	Invalid testline PM in CR.
AUD0305	Invalid state type combination.
AUD0306	Invalid TN type for testline call.
AUD0307	TN's active CR does not point to CR.
AUD0308	DLI Channel was idled as a result of the network map Audit TERMINAL TN, GROUP/LOOP, DLI_CHANNEL (1-24)
AUD0309	DLI Channel used for CSL was found idle. Channel is forced to BUSY status. GROUP/LOOP

AUD

AUD0310	DLI Channel with DISABLED or MAINTENANCE-BUSY status was found idle. Channel is forced to BUSY status. GROUP/LOOP, DLI CHANNEL (1-24)
AUD0311	DLI Channel assignment data is inconsistent. Channel found BUSY is forced to IDLE status. GROUP/LOOP, DLI CHANNEL (1-24)
AUD0312	Assigned DLI Channel was found idle. Channel is forced to BUSY status. TERMINAL TN, GROUP/LOOP, DLI_CHANNEL (1-24)
AUD0313	Invalid screen state on M3000 TOUCHPHONE in dialtone queue. The valid state is DIALTONE state or CONFERENCE/TRANSFER/DIALTONE state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE
AUD0314	Invalid screen state on M3000 TOUCHPHONE in ringing queue when transfer indication is set. The valid state is TRANSFER RINGBACK or CONFERENCE RINGBACK state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE
AUD0315	Invalid screen state on M3000 TOUCHPHONE in ringing queue when transfer indication is not set. The valid state is RINGBACK state. TERMINAL TN, QU_IN, TSET STATE, CRPTR, ORG TN, ORG TYPE, TERTN, TERTYPE. This applicable on all phases.
AUD0316	DLI channel was still assigned to a station after the channel was either idled or reassigned. The assignment was cleared. BCS station TN, group/loop, DLI channel number (1-24).
AUD0317	A BCS station has an out-of-range channel assignment (greater than 24) probably due to data corruption of the unprotected BCS unit block. The assignment was cleared. BCS station TN, group/loop, DLI channel number (1-24).
AUD0318 DATA	Target TOF queue pointers to source TOF queue are incorrect. No action required, error has been corrected. Output data: Customer number, target and source ACD-DN.
AUD0319	LLC BLKING or LLC BLKING VAL is corrupted.
AUD0320	Target ACD-DN already answering calls for the maximum amount of source queues. Customer, Target ACD-DN, Source ACD-DN; No action .
AUD0321	Cannot set ACD pointers for ORIGTN in the Idle Agent Queue. Action: Take CR out of the Idle Agent Queue.

AUD0322	Although the priority is set in the Call Register, there is no pointer to the Priority Agent Table in the Unprotected Data for the ACD data block. Action: Clear the Agent Priority in the CR. {Priority in CR} {Agent's Priority} {ACD-DN}
AUD0323	The Priority set in the Agent's block does not match the Priority in the Call Register for the Idle Agent Queue. {CR Priority} {Agent Block Priority} {Cust No} {ACD-DN}
AUD0324	The Priority Agent's Call Register is in queue, but the pointer for that priority in the Priority Agent Table equals END_OF_QUEUE. Action: Take the CR out of the Idle Agent Queue and put back in the proper place. {Priority} {Customer No} {ACD-DN}
AUD0325	The Priority Agent's CR is in queue, but the pointer for that priority in the Priority Agent Table does not point to the last Call Register of that priority. Action: Update the pointer in the priority agent table to point at the last CR of that priority. {Priority} {Customer No} {ACD-DN}
AUD0326	Account Call Register found, but the package is not enabled. AUXPM OF .ACD_ACNT_ENTRY, BUT .ACD_ACCT_PKG RESTRICTED *CRINFO. Action: Darken ACNT lamp, idle CR and clear pointer in agents block.
AUD0327	ORIGTN of Account CR is not an ACD AGENT. *CRINFO. Action: Darken ACNT lamp, idle CR and clear pointer in agents block.
AUD0328	Agent is not active on an ACD call. *CRINFO. Action: Darken ACNT lamp, idle CR and clear pointer in agents block.
AUD0329	Account Key is not allocated to ACD set corresponding to Account Call Register. ORIGKEY in the ACNT CR is not an ACNT key. *CRINFO. Action: Idle CR and clear pointer in agents block.
AUD0330	Account key is found to be in an improper state. The ACNT key is dark, but NO_ACT_CODE_ENT is .TRUE. *CRINFO. Action: Clear the NO_ACT_CODE_ENT field in agent's block.
AUD0331	An FGD auxiliary Call Register is associated with an incoming FGDT trunk, but the trunk does not recognize this Call Register as its auxiliary CR. The FGD auxiliary CR is idled. Output data is AUX_FGD_CRINFO, FGD_TN, FGD_AUX_CR (address of CR and FGD fields in the AUX Call Register).

AUD

- AUD0332 DATA An FGD auxiliary Call Register is associated with a terminal that is not an incoming FGDT trunk. The FGD auxiliary CR is idled. Output data is AUX_FGD_CRINFO, FGD_TN, FGD_AUX_CR (address of CR and FGD fields in the aux Call Register).
- AUD0334 Call Register found in main APL output queue. Call Register is idled. APL_NO, LINK_NO:CRPTR, CRWORD 0 - 3, *IMS_MSG
- AUD0335 An APL Call Register is floating around. Call Register is idled. APL_NO, LINK_NO:CRPTR, CRWORD 0 - 3, *IMS_MSG
- AUD0336 QUEUE_ID of Call Register in APL output queue is not APL. QUEUE_ID is corrected. APL_NO, QUEUE_ID
- AUD0337 The end pointer in APL output queue is not pointed to the last element in the queue. END_PTR is reset to point to the last element in the queue. APL_NO, LINK_NO:ENDPTR, CRWORD[0 -3], *IMS_MSG
- AUD0338 Queue length in APL queue block differs from number in queue. Queue length corrected. APL_NO, LINK_NO:ENDPTR, CRWORD[0 -3], *IMS_MSG.
- AUD0339 Queue contains CR with pointer outside of CR range. The queue is terminated at the previous block. APL_NO, LINK_NO:PROCESSINGPTR, CRWORD[0 -3], IMS_MSG.
- AUD0340 QUEUE_IN of APL CR is not APL. Reset QUEUE_IN to APL queue id. APL_NO, LINK_NO:PROCESSINGPTR, CRWORD[0 -3], *IMS_MSG.
- AUD0341 For empty queue, processing pointer is not equal to END_OF_QUEUE.
Action: Reset processing pointer to END_OF_QUEUE. APL_NO, PROCESSINGPTR, QUEUE_PTR.
- AUD0342 For empty queue, end pointer is not pointing back to queue data block.
Action: Reset end pointer to END_OF_QUEUE. APL_NO, ENDPTR, QUEUE_PTR
- AUD0354 Status update PM out-of-range.
- AUD0355 No ACD CR is associated with the main CR for telset messaging CR. *CRINFO
- AUD0360 LINK_Q_HDR is NIL (IMS package restricted), but APL port is configured.
- AUD0364 ACD Call Register has son Call Register but is neither a RAN nor a call park recall.

AUD0367	No father Call Register linked to parked son CR. *CRINFO, PARKPM, CALL PARK ACCESS ID, PARKING PARTY TN, RECALL_ATTN_INDEX Son CR is idled.
AUD0368	No son register linked to parked father CR. Son CR is idled. *CRINFO
AUD0370	Data base of Server {VAS ID} cannot be audited. The Command and Status Link to the Server is disabled. {VAS ID} Note: parameters in decimal.
AUD0371	Data base audit of Server {VAS ID} is stopped due to error when sending AUDIT CSL message. {data element id} identifies the data element being audited when the message was sent. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0372	Data base audit of Server {VAS ID} is stopped when auditing given data element. There was no response from the Server to the audit CSL messages. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0373	Data base audit of Server {VAS ID} is stopped by the Server audit program. {VAS ID} {cust no} Note: parameters in decimal.
AUD0374	Error in the Server {VAS ID}'s data base for the given administered data element was detected. The data has been added or modified. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0375	Server {VAS ID} audit removed given administered data element from the Server's data base. The data element does not exist in the data base. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0376	Error has been detected in the data base for the given Server administered data element. The data has been added or modified. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0377	audit removed given Server administered data element from the data base. The data does not exist in Server {VAS ID}'s data base. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0378	Data base audit of Server {VAS ID} is stopped because there were not enough Call Registers available. {VAS ID} Note: parameters in decimal.
AUD0379	ADDON_LINK of addon in the idle queue is not within the valid add-on range. The queue will be ended at the last valid addon. (Generic X08). LAST ELEMENT, ADDON_LINK, QUEUE

AUD

AUD0380	HEAD_PTR of the idle addon queue is out of valid addon range. The queue will be treated as an empty queue (X08). QUEUE_BLOCK_PTR, HEAD_PTR, CR_ADDON_START, CR_ADDON_ENQUEUE.
AUD0381	Call Reference # does not match in U_CREF_TAB. Call Register being audited was pointing to an addon that was either in the idle queue or was not pointing back to this Call Register.
AUD0389	The Agent's CR is not ordered correctly according to its priority in the Idle Agent Queue. Action: Take the CR out of the Idle Agent Queue and put it back in the proper order. {Priority} {Customer No.} {ACD-DN}
AUD0390	Data base mismatch has been detected in Server {VAS ID}'s data base for the given administered data element. The error cannot be repaired by Audit. Action: The craftsperson should load the appropriate Overlay program and remove the data. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0391	Data base mismatch has been detected in the data base for the given Server {VAS ID} administered data element. The error cannot be repaired by Audit. Action: The craftsperson should use the appropriate Server Administration program to remove the data. {VAS ID} {cust no} {data element id} Note: parameters in decimal.
AUD0392	MSG CR in the UNP. Trunk block is nil, but active CR is not nil.
AUD0393	MSG CR in the UNP. Trunk block is not nil, but active CR is nil.
AUD0394	MSG CR and active CR in the UNP. Trunk block is nil, but active CR in the call reference table is not nil.
AUD0395	MSG CR & active CR in the UNP. Trunk block is not nil, but MSG CR in the call reference table is nil.
AUD0396	MSG CR in the call reference table is nil, but U_CALL_REF_# is not zero.
AUD0397	MSG CR in the call reference table is not nil, but U_CALL_REF_# is zero.
AUD0398	TNTRANS failed when MSG_CR = NIL.
AUD0399	MSG_CR = NIL, but active CR = NIL.
AUD0400	CREF_MSG_CR = NIL & C_CALL_REF = 0.

Action: Run Audit again. You may need to run Audit several times until AUD400 no longer appears.

- AUD0401 Radio paging son Call Register in meet-me queue has no father. Call Register will be removed from the queue. RPA_SON_INFO.
- AUD0402 Radio paging father Call Register has no son in meet-me queue. The paging trunk will be idled. RPA_FATHER_INFO.
- AUD0403 Radio paging father Call Register has mainpm = .ringing but the auxpm of the son is not rpa_recall_attn. RPA_FATHER_INFO RPA_SON_INFO.
- AUD0404 The trunk in the tertn of the son Call Register is not a radio paging trunk. The trunk will be idled. RPA_FATHER_INFO.
- AUD0405 The trunk in the tertn of the son Call Register has an invalid system type for radio paging. The trunk will be idled. RPA_FATHER_INFO.
- AUD0406 The trunk in the tertn of the son Call Register has a non existent route number. The trunk will be idled. RPA_FATHER_INFO ROUTENO RPA_SON_INFO.
- AUD0407 The trunk in the tertn of the son Call Register is invalid. RPA_FATHER_INFO RPA_SON_INFO.
- AUD0408 The tertn of the son Call Register is not a trunk. A normal station-to-station call will be established with the origtn and tertn in the father Call Register. RPA_FATHER_INFO RPA_SON_INFO.
- AUD0409 The rpa_paged_dn in the father Call Register does not translate to the rap_psa_code in the son Call Register. The rpa_psa_code in the son Call Register will be changed to match the rpa_paged_dn in the father Call Register. RPA_FATHER_INFO RPA_SON_INFO.
- AUD0410 The Call Register used for post dialing has an invalid origtype. CRINFO.
- AUD0411 Call Register with auxpm .prep_for_accd is not being used for post dialing. CRINFO.
- AUD0412 Call Register used for post dialing does not have the auxpm = .prep_for_accd or .ffc_accd. CRINFO.
- AUD0413 Call Register is collecting radio paging digits but does not have an rpa_cc_pm value. CRINFO.
- AUD0416 No tone and digit timeslots are marked in the Call Register used for TDS signaling. CR is idled.

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AUD0417	ORIGTYPE says CR is TDCKT_CR but NWK_CALL_ID says CR is not used for signaling. CR is idled.
AUD0418	CMF_TN of active CMF S/R not correct. CMF_TN set to terminal.
AUD0419	MFE_TN of active MFE S/R not correct. MFE_TN set to terminal.
AUD0420	A trunk was found to be in a lockout state. It will be idled. *CRINFO TRUNK_TN TRUNKPM
AUD0421	A call with MAINPM =.BUSY was found not to have any tone given nor was it in any valid timing queue. The call will be given busy tone.
AUD0422	A B C D E F G H I A call with MAINPM = .REORDER was found not to be receiving nor waiting for overflow tone. Overflow tone will be given. Where: a = CR Addr MAINPM/AUXPM b = Originating Type c = Originating TN d = Terminating Type e = Terminating TN f = QUEUE IN g = CR Dialed DN h = Digit Words (0) i = Queue Type
AUD0441	A Call Register with MAINPM = .DIALING was not attached to the ORIGTN in the CR. CR has been idled = CRINFO.
AUD0442	A Call Register with non-nil CRLINK does not have a QUEUE_ID. CRLINK has been set to NIL - CRINFO, CRLINK.
AUD0443	CR has QUEUE_ID, but CR was not found in that queue. CR placed in queue indicated by queue ID. CRINFO, EXPECTED QUEUE, ACTUAL QUEUE.
AUD0444	A dialing CR contains TRK to TRK connection with extended external ID, but CR is not in slow answer recall timing. CRINFO, EXPECTED QUEUE, ACTUAL QUEUE.
AUD0445	Established CR is not pointed to by ORIGTN. CR will be idled. CRINFO
AUD0446	Established CR is not pointed to by TERTN. CR will be idled. CRINFO

AUD0447	Established TRK to TRK connection has extended external ID, but terminating trunk has not been answered and CR does not reside in QU_RING or QU_2S. CRINFO.
AUD0448	Invalid TERTN found in procedure ringing. CRINFO.
AUD0449	CR, with either MIX or 500 set as TER, cannot be found in the 100 ms or the ringing queue. The CR will be placed in the 100 ms queue. CRINFO, expected queue, actual queue.
AUD0450	Established CR is not pointed to by TERTN. CR will be idled. CRINFO
AUD0451	Incoming TIE/NWK trunk was found in HALFDISC, but was not being monitored. A disconnect attempt will be made on the trunk. CRINFO, TERMINAL.
AUD0453	Incoming TIE/NWK trunk was found in an invalid state. One disconnect attempt will be made on the trunk. CRINFO, TERMINAL.
AUD0454	Call Register with MAINPM = established does not have any TNs in the Call Register. CR is idled. CRINFO
AUD0455	Call Register indicates it has an ARS SON CR, but no ARS SON can be found. CRINFO
AUD0456	Call Register with MAINPM = RINGING is connected to the ORIGTN, but has a TERTN of zero. Disconnect attempt will be made on the ORIGID. CRINFO
AUD0500	A slot is reserved as a reusable slot for one channel and as a standard slot on another channel.
AUD0501	A slot, which is shown as reserved as a reusable slot, is not reserved in any system data structure. This message is output with AUD017 and AUD018.
AUD0502	Invalid MAINPM for CR with son CR for periodic Camp-On tone. CR information and MAINPM are output.
AUD0503	No father CR is linked to the son CR. Call Register (CR) information is output, the son CR is idled.
AUD0504	Invalid MAINPM for son CR periodic Camp-On tone. Call Register (CR) information and MAINPM are output.
AUD0507 TN DN	A DID number is wrongly associated with the set for (Hospitality Management). TN of set and DID number are printed Action: DID number is cleared

AUD

AUD0515 X Y TN1 TN2	Slot y on Loop x has been reserved as a non-reusable slot for tn1, but can still be used on tn2. Procedure DTI_SLOT_AUD
AUD0516 Y R	Slot y is on a loop is reusable, but has a non-zero RESERV_COUNT value against it in the U_SLOT_SHARE_BLK. Procedure CHK_RESERV_COUNT. R = Reserve Count
AUD0517	BKI_SECRECY_BIT. The Break-In with Secrecy (BKIS) bit is set while BKIS is not active. The BKIS bit is cleared.
AUD0518	Less than 10 percent of the XMI message registers are in the idle queue.
AUD0519 i c l	A count of the XMI message registers having queue ID "l" do not match the field length for that queue's data block. i = queue ID, c = Count for message register, l = Length from the queue data block.
AUD0520 i c	The set pointers have failed for Virtual Network Services (VNS). i = VNS Index, c = Customer number.
AUD0521 i c p a	The CR pointer does not match the Virtual Network Services (VNS) Active CR. i = VNS Index, c = Customer number, p = CR Pointer, a = Active CR for VNS.
AUD0522 i c m a	In the Virtual Network Service application, there exists a VNS Index mismatch or Invalid call state. i = VNS Index, c = Customer number, m = Message CR, a = Active CR for VNS
AUD0523	Invalid MAINPM for RADIO PAGING process. *CRINFO
AUD0524	Unable to locate son CR when father CR indicates an RPA_PROCESS son type. *CRINFO
AUD0525	Invalid main PM for RPA son CR. Main PM for the Radio Paging son should be Radio Page. *RPA_SON_INFO
AUD0526	RPA state error. If RPA CALL bit is set, then RPA ANSWER cannot be set and vice versa. *CRINFO (Father)
AUD0527	Son CR found when RPA call has been answered. *FATHER_SON_INFO
AUD0528	RPA CALL bit is not set when father has an RPA Process son type. *FATHER_SON_INFO
AUD0529	Father and RPA son do not have the same ORIGTNs. *FATHER_SON_INFO, ORIGTN of SON CR

AUD0530	RPA father CR has trunk still attached while undergoing meet-me or recall timing. *RPA_SON_INFO
AUD0531	The RPA son is not in the meet-me queue as expected. *RPA_SON_INFO
AUD0532	The trunk is not a Radio Paging trunk. *FATHER_SON_INFO, RPA_CR_ROUTE_NUM in Son CR
AUD0533	Main PM should only go to ringing when the RPA trunk is dropped. *RPA_SON_INFO, PROCESS_TYPE of RPA SON CR
AUD0534	Invalid AUXPM for Single System RPA. AUXPM of RPA accessing is valid only for multisystem RPA configurations. *CRINFO
AUD0535	Invalid AUXPM for RPA son when AUXPM of father CR is RPA accessing. *father_son_info
AUD0536	RPA process son type expected when AUXPM of Main CR is RPA accessing. *CRINFO (Father)
AUD0537	Invalid AUXPM for RPA package unequipped. *CRINFO (Father)
AUD0538	Unable to find the father CR for this RPA son CR. *rpa_son_info
AUD0539	Invalid Main PM when RPA package is not equipped. *rpa_son_info
AUD0540	Son CR is not in the Meet-Me queue as expected. *rpa_son_info
AUD0541	TERTN of Father CR should be an RPA trunk. *Father_Son_Info
AUD0542	RPA son type is invalid for RPA_Answer state. *crinfo
AUD0543	TNtrans of the TERTN in Father CR failed. *crinfo
AUD0544	RPA system PTR is nil. *Father_Son_Info
AUD0545	SETCUSTPTRS failed. Unable to find customer pointers. *crinfo
AUD0546	No RPA son type indicated in the Father CR. *crinfo
AUD0547	SET ROUTE PTRS failed. Invalid route associated with the TERTN. *crinfo
AUD0548	No ACD CR is associated with the MAIN CR for CCR process.
AUD0549	Process type must be ICP_PROCESS (CCR).
AUD0550	DN type is not a CDN.

AUD

AUD0551	DN type is not an ACD DN.
AUD0552	CCR restoration timeslice Call Register does not point to the call to be restored.
AUD0553	The timeslice Call Register is not in the two second queue.
AUD0554	Mainpm of ICP call which is presented to an agent should be .RINGING.
AUD0555	ICP SON does not have a father CR.
AUD0557 DATA	Message CR does not match linkage in message CR table. Output data: Address of the message CR TN in the message CR Call reference number in the message CR Linkage in message CR table TN in the message CR linked from CR table Call reference number in the message CR linked from CR table.
AUD0558 DATA	B-channel packet data nail up connection between DSL B-channel and Packet Handler is broken. The DSL B-channel TN is output with the following error code and additional data: 1 = No Call Register for nail up connection. 2 = TNTRANS on PRI channel TN failed. PRI Channel TN is also output. 3 = Invalid PRI loop type. PRI channel TN is also output. 4 = PRI channel is not dedicated for the connection. Channel TN is also output. 5 = Incorrect TRUNK PM. PRI channel TN is also output. 6 = Invalid Call Register contents. Address of the Call Register, types of both originating and terminating parties, type of call and MAIN PM are also output.
AUD0559 DATA	Invalid information transfer capability (BCAP). Output data: TN, call reference number and the BCAP value stored in the message CR.
AUD0560	Inconsistent message CR and CR linkages. Output data: DSL TN, call reference number and the following error code: 000001 = CR is missing and usage bit is not set. Message CR will be discarded. 000002 = Message CR is missing and usage bit is not set. CR will be discarded. 000005 = CR is missing. Message CR will be discarded and usage bit is cleared. 000006 = Message CR is missing. CR will be discarded and usage bit is cleared.

For 000001 and 000005, the call reference number and the cause value in the message CR are output. For 000002 and 000006, the AUX & MAIN PMs, the originating and terminating parties' TNs and the dialed DN (in Hex) in the CR are output.

AUD0561 DATA Incorrect number of VCE/DTA calls. The number of calls stored is updated with the number of calls counted. Output data: DSL TN, type, number of calls counted and number of calls stored.

AUD0562 TN No DSL data. The TN is output.

AUD0563 The CCR_IVR_CR pointer in the CCR main Call Register does not point to its CCR IVR Call Register. The pointer will be set to point to the CCR IVR Call Register like it should. Procedure TERMCRPTR.

AUD0564 The main Call Register for a CCR IVR call connected to an IVR port is not in its CDN like it should be. Procedure TERMCRPTR.

AUD0570 The B CH link for printed {DCHNO} is blocked for outgoing calls (DCH_OTG_BUSY is set) and no outgoing call is active on the BCH link. Link is unblocked.

AUD0571 Q QPTR I N H This XMI queue's data block is corrupted.

q = queue being audited

qpvr = pointer to queue data block

If QPTR is not NIL, the following fields are printed from the queue data block:

i = queue ID from queue data block

n = queue length from queue data block

hpvr = pointer to head of queue

epvr = pointer to end of queue

AUD0572 Q I MPTR MLN This XMI message register has an invalid queue ID or link pointer.

q = queue being audited

i = message register's queue ID

mptr = message register pointer

mlnk = link to next message register in queue.

AUD0573 Q This XMI queue is corrupted. q = queue being audited

- AUD0574 I MPTR This XMI message register has an invalid queue ID.i = message register's queue ID, mptr = message register pointer.
- AUD0575 TCAP CR is in invalid state; it will be idled.
- AUD0576 DATA Call ID in CR does not match Call ID entry in internal table. Internal Table entry cleared. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}
- AUD0577 Call ID in Call Register does not have associated pointer in Call ID Table. Call ID field in CR set to zero. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}
- AUD0578 Table entry references CR with out of range Call ID. Call ID in CR set to zero and internal Table entry cleared. Output data appears as follows: {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}
- AUD0579 Internal Call ID Table entry references conference block which does not contain expected Call ID value. Internal Table entry cleared. Output data appears as follows. {U_CONF_PTR} {Call ID}
- AUD0580 No conference exists for Call ID value in conference block. Associated entry in internal Call ID Table is cleared, as well as Call ID field in conf blk. Output data appears as follows:{U_CONF_PTR} {Call ID} {Conf Group}
- AUD0581 Out of range Call ID associated with {Conf Group} found in conference block. Call ID field in conference block set to zero. Output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}
- AUD0582 Call ID in conference block associated with {Conf Group} does not have associated pointer in Call ID Table. Call ID field in conference block set to zero. Output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}
- AUD0583 The nail up of tandem connection is not correct. Recovery is performed. Output appears as follows:
{error number} {incoming PRI TN} {outgoing PRI TN}
Error numbers:
1 = no Call Register for the dedicated connection
3 = invalid PRI loop type
4 = PRI TN is not configured for tandem connection

	5 = incorrect trunk pm
	6 = invalid content at Call Register (content is printed)
	8 = PRI TN does not match what is stored in the Call Register.
AUD0587	MF S/R pointing to CR which does not contain its TN. Active Call Register of MF S/R set to nil. TN, CDR information, and progress mark are output.
AUD0588	MFK TN of active MFK S/R not correct. MFK TN set to terminal.
AUD0589	Procedure AUDIT_DPNSS_ISDN: TNTRANS failed on DPNSS_TN field of the DPNSS ISDN CR. This Call Register is idled.
AUD0590	Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR does not correspond to a trunk. This Call Register is idled.
AUD0591	Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR does not correspond to a DPNSS trunk. This Call Register is idled.
AUD0592	Procedure AUDIT_DPNSS_ISDN: DPNSS_TN field of the DPNSS ISDN CR is not correctly linked to the unprotected DPNSS channel block. This Call Register is idled.
AUD0593	Procedure AUDIT_DPNSS_ISDN: ACTIVECR field of the unprotected DPNSS channel block is nil. This Call Register is idled.
AUD0598 {ORIGTN} {Login TN}	TN is registered as logged into Set Based Administration but its active CR does not have an SBA process, the login session and its resources are released.
AUD0599 TN	TN is registered as logged into Set Based Administration but its active CR does not have an SBA process, the login session and its resources are released.
AUD0600 {TN} {MAINPM} {AUXPM}	TN is registered as logged into Set Based Administration but its MAINPM and AUXPM do not contain valid values. They should be: MAINPM = DIALING and AUXPM = SBA_DIALING or MAINPM = SPECIAL and AUXPM = SBA_TIMEOUT
AUD0601 TN IDX1 IDX2	The session index being audited (idx1) contains TN as the logged in TN, however, the SBA_SESSION_IDX field in the SBA son CR contains a different session number (idx2). All resources associated with session (idx1) are released from the multi-user login tables.
AUD0602	A TN or DN resource was found allocated to a Set Based Administration session which is no longer logged in. The resource is released

AUD

AUD0604	Answered M911 Abandoned Calls cannot be .ESTABLISHED
AUD0605	Illegal AUXPM for M911 Abandoned Call...should be .M911_CAB
AUD0606	No SON CR for M911 Abandoned Call
AUD0607	Unsuccessful check for an established EI conference: pointer AUXCR in Ublock of the Orig channel does not match the identified Unwanted CR of the EI conference. Action: Force AUXCR the Unwanted's CR.
AUD0608	Unsuccessful check for an established EI conference: pointer AUXCR in Ublock of the Unwanted channel does not match the identified Orig CR of the EI conference. Action: Force AUXCR the Orig's CR.
AUD0609	Unsuccessful check for an established EI conference: The SW could not identify the EI Originating party. Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.
AUD0610	Unsuccessful check for an established EI conference: The SW could not identify the EI Wanted party. Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.
AUD0611	Unsuccessful check for an established EI conference: The SW could not identify the EI Unwanted party. Action: If possible, revert the EI conference back to an ordinary conference. Clear EI flags and reserved slots if any.
AUD0617	Illegal ORIGTYPE or ORIGTN info in answered M911 Abandoned Call
AUD0618	The M911 AUX CR unprotected trunk block should not point to aux CR for an abandoned call.
AUD0619	Unable to find the father CR for this L1MFC son CR. CRINFO is output. This CR is idle.
AUD0620 {tn} {priority} {acd dn}	An MQA ACD agent was found to have an invalid Priority value associated with an ACD DN. The priority was changed to equal the Priority value in the PRI field in the set's Protected Line Block (use OVL 20 to print TNB).

AUD0621 {tn} {acd dn} An MQA agent was found to have a DN in its MQA data block which is not a valid ACD DN. The agent should log out immediately and log back in specifying new ACD DNs.

AUD0622 {tn} {acd dn} An MQA ACD agent was found to be serving an ACD DN that is not compatible with MQA. Specifically, one of the following prompts in OVL 23 is set for the ACD DN: IVMS, DSAC, IVR, IMS, or the DN is a CDN. The agent should log out immediately and log back in specifying new ACD DNs to serve.

AUD0623 cust route old_counter new_counter Actual number of idle trunks in route is different than number in idle-trunk-counter in route block. Counter is corrected.

Action: If AUD0623 occurs frequently, contact operating company.

AUD0624 Busy ISPC link not associated to any end-user.

Action: Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.

AUD0625 ISPC data structures corruption.

Action: Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.

AUD0626 IDLE ISPC link associated to an end-user.

Action: Use overlays 60 and 80 to detect if any inconsistent connections exist. If so, run AUDIT again. If the corruption still exists, then remove and reconfigure the corrupted TNs.

AUD0632 The VDN data structure is corrupted. Some VDN blocks may be lost.

Action: AUDIT has restored the recoverable VDN blocks. VDN blocks which have been lost must be recreated in LD 79.

AUD0643 Invalid SFR feature is found from SFR call register.

AUD0644 Invalid Application VAS ID is found from an IAGT TN.

AUD0645 P_IAGT_BLK is not allocated for an IAGT TN. IAGT TN is deacquired.

AUD0646 IAGT_TERMINAL is updated due to mismatch with IAGT TN.

AUD0647 IAGT TN (control login ACD agent) is not linked to IAGT link.

AUD0648 Audit VAS ID is invalid.

AUD0649	The last IAGT TN pointer of the IAGT link is not referenced to the last IAGT TN from the IAGT link.
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AUTH—Authorization Code (LD 88)

The AUTH messages are generated while performing service change procedures in the Authorization Code program (LD 88). The following are the two types of authorization codes defined in LD 88:

BAUT—basic authorization codes
NAUT—network authorization codes

AUTH Messages

AUTH0001	Incorrect response to prompt request.
AUTH0002	Service Change password incorrect.
AUTH0003	Customer data block does not exist.
AUTH0004	Number entered is out-of-range.
AUTH0005	Number of Authcode digits entered does not match ALLEN.
AUTH0006	Authcode database does not exist for specified customer.
AUTH0007	Authcode already exists.
AUTH0008	Specified Authcode does not exist.
AUTH0009	Specified Authcode already exists.
AUTH0010	Not enough memory to allocate space.
AUTH0011	Authcode data block cannot be deleted because the Authcodes are still defined in the Authcode table.
AUTH0012	Input was received which requested a halt of the current process being executed.
AUTH0013	BAUT or NAUT package with which Authcode is associated is not active.

AUTH

AUTH0014	System time-of-day has not been set via service change.
AUTH0015	Route block selected for RAN does not exist or is not of type RAN.
AUTH0100	That password has print only Class of Service allowed.
AUTH0101	As the user, you do not have access to this data.
AUTH0103	When the Authorization Code (ACOD) length is ALEN = 4, the NMBR only accepts values 0-9999.

BERR—Bus Error Monitor

BERR messages

BERR0000	CP local slave BERR.
BERR0001	CP IPB master data error.
BERR0002	CP IPB master time out.
BERR0003	CP IPB master error.
BERR0004	CP local decode error.
BERR0005	CP illegal access.
BERR0006	CP BIC default BERR {address}.
BERR0007	CP BIC BERR {address}.
BERR0010	CP triggered BERR {address}.
BERR0012	SRA DMA access BERR {address}.
BERR0016	CP SRA parity BERR {address}.
BERR0017	CP HPM timeout BERR {address}.
BERR0020	CP AP No response BERR {address}.
BERR0021	CP AP BIC IPB parity {address}, {ERRZ}.
BERR0022	CP AP local BERR {address}, {ERRZ}.
BERR0023	CP AP BIC illegal access {address}, {ERRZ}.
BERR0024	CP AP BIC default BERR {address}, {ERRZ}.

BERR

BERR0200	SIMM: Write protection violation.
BERR0201 x y	SIMM x y: Parity error at remote x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0202 x y	SIMM x y: Parity error at local x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0203 X Y	SIMM x y: Unrecoverable memory or register Write error at x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0204 x y	SIMM x y: Unrecoverable memory or register Read/Write error at x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0300 x y z	CNIP xyz: {address}, {BERZ}.
BERR0400 x y	CNIB x y: data parity error.
BERR0401 x y	CNIB x y: Local master parity error.
BERR0402 x y	CNIB x y: Local master timeout.
BERR0403 x y	CNIB x y: Local master bus error.
BERR0404 x y	CNIB x y: IPB event interrupt read.
BERR0405 X Y	CNIB x y: Local priority request asserted.
BERR0406 x y	CNIB x y: Unaligned ID EPROM access.
BERR0407 x y	CNIB x y: Unaligned event interrupt access.
BERR0408 x y	CNIB x y: {ADD}, {PARERRZ}, {IPBNT}, {BERRZ}, {ERRZ}.
BERR0500	HI EXC Self x: Restarting self due to queue corruption.
BERR0501	HI EXC Self x: Retrying Bus error analysis.
BERR0502 x	HI EXC Self x: TID: y Action: x.
BERR0503 x	HI EXC Self x: Action: x.

BERR0504 x	HI EXC x: Task x suspended.
BERR0505 x	HI EXC x: Recovered from Bus error in ISR x (address).
BERR0506 x	HI EXC x: Starting analysis of Bus error from unknown task at x (address). Note that the state of this task cannot be changed.
BERR0507 x	HI EXC x: Starting analysis of task x.
BERR0508 x y	HI EXC x: Completing analysis of task x. Decision: y.
BERR0509	HI EXC x: Bus error in ISR. SR = a, PC = b, Addr = c, SSW = d.
BERR0510	HI EXC x: Bus error in task x. SR = a, PC = b, Addr = c, SSW = d.
BERR0511	HI EXC x: Restart of Task x has been averted. Unknown address y has been remapped. Number of remapped addresses: z. Total number of remaps: n.
BERR0512	HI EXC x: Address remap threshold has been exceeded. Action: Restart the system.
BERR0513	HI EXC x: Address remap has been initialized.
BERR0514	HI EXC x: Recovered from Bus error at address x.
BERR0515	HI EXC x: Analyzing task x. Recommendation: y.
BERR0600 x y z	NCB x y: Action: Check device x at address y in group z. Check I/O device, network device, or PS card.
BERR0601 x	NCB x y: No response from 3PE on group x. Action: Check both connectors on both ends of the CNI to 3PE cable. Be sure the 3PE Enable/Disable switch is Enabled (up), and switch settings are correct.
BERR0700	EXCH: Total threshold exceeded: {vector}, {PC}, {fault address}.
BERR0701	EXCH: Threshold exceeded: {vector}, {PC}.
BERR0702	EXCH: Total threshold exceeded: {vector}, {PC}, {fault address}.
BERR0703	EXCH: Total threshold exceeded: {vector}, {PC}.
BERR0704	EXCH x: y in ISR. SR = a, PC = b, Addr = c, SSW = d

BERR

BERR0705	EXCH x: y in task n. SR = a, PC = b, Addr = c, SSW = d
BERR0800 x y	IOP x y: ERRZ reason register content:??
BERR0801 x y	IOP x y: BIC detected an IPB data parity error.
BERR0802 x y	IOP x y: BIC detected a local data parity error.
BERR0803 x y	IOP x y: Local IOP bus timer timed out.
BERR0804 X Y	IOP x y: BIC received a local bus error.
BERR0805 x y	IOP x y: IPB attempted an event interrupt read.
BERR0806 x y	IOP x y: Local IOP bus asserted priority request during an inbound cycle.
BERR0807 x y	IOP x y: IPB attempted an unaligned IDP ROM access.
BERR0808 x y	IOP x y: IPB attempted an unaligned event interrupt.
BERR0809 x y	IOP x y: IOP window is disabled.
BERR0810 x y	IOP x y: Wrong IOP window size.
BERR0811 x y	IOP x y: Wrong IOP substitution address: x should be y.
BERR0812 X Y	IOP x y: Wrong IOP IPB match address: x should be y.
BERR0813 x y	IOP x y: Wrong IOP top of card address: x should be y.

Remote Backup

BKP messages

- BKP0001 Not applicable on CPU/Conf to System Core upgrade.
- BKP0002 Indicates a mismatch in the data file.
- Action:** 1. Compare the file again with the XVR command.
2. If the verification fails again, repeat the backup or restore process, and then re-verify using the XVR command.
3. Check your communications package parameters. Make sure that the parameters such as Mode (should be set to BINARY) or Protocol (should be set to XModem) are correctly set. Another possible cause is that the communications package is stripping characters.
- BKP0003 Indicates that the Flash ROM in use contains invalid data and the procedure failed.
- Action:** 1. When doing a backup (with the XBK command):
- a. Do an EDD to update the flash ROM in use.
 - b. Repeat the backup procedure using the XBK command.
2. When doing a Verify (with the XVR command) after performing a backup (with the XBK command):
- a. do an EDD to update the flash ROM in use
 - b. repeat the Verify procedure using the XVR command
3. When doing a restore (with the XRT command):
- a. check the customer data file being transmitted to ensure that it is the correct one.
 - b. repeat the Restore procedure using the XRT command. If it still fails, then a corrupted customer data file is a probability.

4. When doing a Verify (with the XVR command) after performing a Restore (with the XRT command):

a. repeat the Restore procedure using the XRT command

BKP0004 Indicates a failure to erase either the Flash ROM or the Primary and Secondary Flash ROM on the Small System Controller card.

Action: 1. Repeat the Restore procedure.

2. If it fails again, a faulty Flash ROM is the probable cause. Replace the SSC.

BKP0005 Copy failed (fatal).

BKP0006 Checksum failed on the restored configuration data.

BKP0007 Indicates that the Flash ROM is not available at this time (it is being used by another process).

Action: Wait for the current process to complete, and try again.

BKP0008 Indicates that a transmission error occurred. The procedure may have timed-out or there was a problem on the telephone line such as excessive noise.

Action: Repeat the procedure.

BKP0009 Overwrite error (fatal). Indicates that the Flash ROM could not be written properly.

Action: 1. Repeat the Restore procedure using the XRT command. If it still fails, ensure the file size does not exceed the size of the Flash ROM.

2. If it fails again, a faulty Flash ROM is the probable cause. Replace the System Core card or the software cartridges as appropriate.

BKP0011 Indicates that the Site ID in the customer data being restored (XRT command) or verified (XVR command) does not match that of the data stored in the system.

Note: The procedure completes normally. This message is only a warning.

Action: 1. When doing a Restore (with the XRT command):

a. If using this feature as an install tool, this message is normal and does not indicate an error condition. The site ID will be automatically corrected on the next data dump (EDD) and backup.

b. Check the customer data file to ensure it is the correct one. You may inadvertently be restoring the wrong data file to the system. If the data file is the correct one, contact Nortel technical support.

2. When doing a Verify (with the XVR command) after a Restore (with the XRT command) or a backup (with the XBK command):

a. do an EDD to update the flash ROM in use

b. repeat the Restore or Backup procedure

c. repeat the Verify procedure

BKP0012 Allocation error (fatal). Indicates that the Flash ROM could not be written properly.

Action: 1. Repeat the Restore procedure using the XRT command. If it still fails, ensure the file size does not exceed the size of the Flash ROM.

2. If it still fails, a faulty Flash ROM is the probable cause. Replace the System Core card or the software cartridges as appropriate.

BKP0014 The cartridge is not marked as PREP (fatal).

BSD—Background System Diagnostic

The Background Signaling and Switching Diagnostic program (LD 45) tests peripheral equipment and is used to perform continuity tests on superloops.

Any telephone, terminal, console or card that fails the signaling test may be disabled by this program. To re-enable the device, see LD 32. If a device fails the signaling test and is disabled, it will be automatically re-enabled if it passes a subsequent signaling test, whether the test was manually requested or automatically initiated.

For superloops use LD 30 to test signaling and network memories.

Note: This Overlay (LD 45) is not available on Meridian Entrepreneur systems. Use Overlay 30 (LD 30) to perform signaling tests on these systems.

BSD messages

BSD090 x

Where x can be any combination of the following:

MAIN_PWR	Power fault in main cabinet
EXPANSION CABINET 1 - PWR	Power fault in expansion cabinet
POWER OK - MAIN CABINET	Power fault no longer exists
POWER OK- EXPANSION CABINET	Power fault no longer exists
FIBER LINK DOWN	Expansion cabinet fiber link down
FIBER LINK ESTABLISHED	Expansion cabinet fiber link up

BUG—Software Error Monitor

The Software Error Monitor program monitors call processing continuously. When the call processing software detects information that is not in the correct format, or when invalid information is detected, a BUG message is output. Hardware problems are generally reported with ERR messages.

BUG messages generally appear in the following format:

BUGxxx <return address stack>

Some messages contain a second line with additional data, as listed below. In listing parameters, the symbol *(ptr) is used to abbreviate common lists:

(crptr)

CRWORD 0 :ptr (progress marks and types)

ORIGTN:ptr

TERTN:ptr

QUEUEIN:ptr

BUG messages

BUG0001	Global procedure missing. Procedure NOGLOBAL
BUG0003	When providing conference for music, the conference loop stored in protected line block does not match the loop stored in the Call Register of the TERTN. Procedure: PROVIDE_CONFERENCE, file: MUSIC.
BUG0005	Invalid ORIGTN in 128 ms timing list. *(CRPTR). Procedure WORKSHED
BUG0007	Call Register (CR) does not point back to trunk Block. *(ACTIVEPTR) Procedure WORKSHED
BUG0008	Input Message from an invalid card type. CARDTYPE, TN Procedure WORKSHED
BUG0010	Invalid TERTN in 128 ms timing list. *(CRPTR) Procedure WORKSHED
BUG0011	CR linked in RING_QUEUE; timer value not allowed. Procedure WORKSHED
BUG0012	This BUG message is outputted from patches (patches 529, 752). It is for debugging purpose only. Ignore this message.
BUG0013	This BUG message is outputted from patches (patches 537, 562, 574, 653, 731, 752). It is for debugging purpose only. Ignore this message
BUG0015	Trying to find a path to an unequipped loop. ULPXPTR or ULPYPTR = NIL. Procedure FINDONEWAY. Output: TN1, TN2 (unpacked format).
BUG0020	Ujuncor group pointer = NIL. Two given loops on different groups. LOOP1, LOOP2 Procedure PATHFIND
BUG0023	BLOCK_PTR could not be found in specified queue. Procedure PATHFIND
BUG0024	BLOCK_PTR could not be found in specified queue. Procedure PATHFIND
BUG0025	Ujuncor group pointer = NIL. Two given loops on different groups. LOOP1, LOOP2 Procedure PATHIDLE
BUG0030	Trying to idle path for nonexistent/unequipped loop or slot zero. TN1, TN2 (unpacked format), SLOT Procedure PATHIDLE
BUG0035	One of the two loops is unequipped. ULP_PTR = NIL. LOOP1, LOOP2 Procedure SETONEWAY

BUG0040	Either: One of the loops involved in the connection is a) Not equipped (ULP_PTR = NIL) b) Not TERM_LOOP or CONF_LOOP c) Not enabled d) Slot is zero. LOOP1, LOOP2, SLOT Procedure NTKMEMORY
BUG0050	Unable to find and remove the Call Register. Procedure FINDREMOVE
BUG0055	TERMINAL does not match either TN in Call Register. Disconnecting TN, ORIGN, TERTN, ORIGIN (TN in packed format) Procedure DISCONNECT
BUG0056	Call in .RAN_WAITING with non-zero TERTN. Procedure DISCONNECT
BUG0057	Attempt to disconnect terminal from nonexistent or disabled conference loop. Procedure DISCONNECT
BUG0058	Attempt to set up simple call between nonexistent or disabled terminals. Procedure DISCONNECT
BUG0059	Attempt to disconnect nonexistent or disabled trunk from conference. Procedure DISCONNECT
BUG0060	TNTRANS fails. Procedure LINKCONF
BUG0065	Message to a loop where looptype is not equal to TERM_LOOP TN (packed), LOOPTYPE Procedure PERIPH_MSG
BUG0070	Timing lost with call in .OUTPULSING state. ORIGN, DIGITLOAD, DIGITUNLOAD, CRDIGITS(0) CRDIGITS(3) (TN in packed format, digits in packed hex). Procedure DIGPROC
BUG0071	Illegal intercept condition. Procedure DIGPROC
BUG0072	Failed to set customer pointers. Procedure LIN500
BUG0073	Invalid call to procedure TRK_ACCESS. Procedure LIN500
BUG0074	500-type set on-hook but still engaged in PBX half disconnect timing. Procedure LIN500
BUG0075	PBX line has been software busy but PM = .IDLE. Cleared now. TERMINAL, *(CRPTR) Procedure LIN500

BUG

BUG0080	Invalid switch hook state in .READY state. (should be off-hook) TERMINAL (packed format), *(CRPTR) Procedure LIN500
BUG0085	Invalid switch hook state in .RINGING state. (should be off-hook) TERMINAL (packed format), *(CRPTR) Procedure LIN500
BUG0090	TNTRANS fails. TN (unpacked format) Procedure CTICHECK
BUG0095	XFER lamp winking but no hold situation. TERMINAL, *(CPRTR) Procedure BCS/CALL_TRANSFER
BUG0096	CONF_HAS_WTD_MEM - GLOBAL BCS1; conference pointer nil or not a conference group. Procedure BCS/CALL_TRANSFER
BUG0100	TNTRANS fails. *(CRPTR) Procedure BCS/CALL_TRANSFER
BUG0101	ACTIVECR (PBX case) or KEYLINK (SL-1 case) points to an address not in CR range. Station TN, SSDKEY, KEYLINK, (packed) Procedure GET_KEYLINK
BUG0105	Double timeslot problem prevented. TN is printed. Procedure CLEAR_NTWK
BUG0109	Action for RMK could not be identified. Procedure INITCR
BUG0110	TERMINAL does not match ORIG_ITEM. TERMINAL Procedure INITCR
BUG0111	Call Register is not in range. Procedure IDLECR
BUG0115	TERMINAL does not match DN or TN in Call Register. TERMINAL (packed format), *(CRPTR) Procedure LIN500 / DNKEY / FORCEDISCONNECT / DISCONNECT
BUG0120	ACTIVECR points to an idle CR or to a CR with no matching TN. Procedure TRUNKS/COTRUNK
BUG0125	Off-Hook from a ground start trunk in half disconnected state. Procedure TRUNKS/CO_INCOMING
BUG0130	ACTIVECR points to an idle CR or to a CR with no matching TN. Procedure TRUNKS/EM_DX_TRUNK
BUG0135	ACTIVECR points to an idle CR or to a CR with no matching TN. Procedure TRUNKS/LOOPSIG_TRUNK
BUG0140	Invalid PM state (.IDLE) Procedure TRUNKS/TIE_INCOMING

BUG0145	Off-hook from TIE trunk in half disconnected state. Procedure TRUNKS/TIE_INCOMING
BUG0150	Off-Hook from TIE trunk in .READY state. Procedure TRUNKS/TIE_INCOMING
BUG0155	Invalid CO trunk timeout. Procedure INCOMING_TRUNK_TO
BUG0160	Invalid trunk timeout. Procedure OUTGOING_TRUNK_TO
BUG0161	Invalid timeout from AUTOVON trunk. Procedure OUTGOING_TRUNK_TO
BUG0165	ATTNCUSTNO:CRPTR and CUSTNO:PLORIGPTR do not match. ATTNCUSTNO, CUSTNO, TN (packed format), *(CRPTR) Procedure DIGPROC
BUG0166	SET_ROUTE_PTRS fail. TN, ROUTE NUMBER, CUSTOMER NUMBER. Procedure DIGPROC
BUG0167	EMP PATH; outpulsing trunk TN invalid. Procedure DIGPROC
BUG0170	KEYLINK (SL-1) or ACTIVECR (PBX) = NIL when another set with same DN is active in conference. TN (unpacked format), DN (packed hex format), *(CRPTR) Procedure DISCONNECT/TNACTIVTEST
BUG0175	DN of a station trying to restore a held call does not match DN of ORIGTN:CRPTR or TERTN:CRPTR. TN (unpacked hex format), DN (packed hex format), *(CRPTR) Procedure RESTORE
BUG0180	Termination on original station fails after Call Forward—No Answer is denied due to blocking. *(CRPTR) Procedure CALLFW_NA
BUG0181	Termination on call forwarded station fails after Call Forward—No Answer. *(CRPTR) Procedure CALLFW_NA
BUG0185	ORIGPM is not .RINGING or .BUSY or .REORDER after doing Call Forward—No Answer Dialed DN, CFNA_DN (DNs in packed hex format), *(CRPTR). Procedure: DISC_TER
BUG0190	Call Register out-of-range. *(CRPTR) Procedures LINK & UNLINK
BUG0191	Attempted to link Lockout Call Register into a queue. No Call Register was linked into any queue.
BUG0194	Attempt to remove CR from CDR queue while queue is protected. Procedure REMOVE
BUG0195	BLOCK_PTR could not be found in specified queue. Procedure REMOVE

BUG

BUG0196	Call Register is out-of-range. {CRPTR} {TERMINAL} {ORIGITEM} {TERITEM} Procedure REMOVECRPTR
BUG0200	Attempt to store more than 11 parms in a print register. Procedure STORE_PARM
BUG0201	Attempt to store parm into an empty print queue. Procedure STORE_PARM
BUG0205	Print register contains invalid parm type. *(ADDRESS(PRINT_REG) Procedure PRINT_TASK
BUG0210	No Call Register available. Procedure DIGITKEY
BUG0211	Idle station but active CR in line card. TN (packed format) Procedure DIGITKEY
BUG0215	SRC connection of attendant not jointly held. TN (packed format) Procedure LOOPKEY
BUG0220	Loop lamp lit but active loop not set to correct loop number TN, LOOP, ACTIVELOOP Procedure LOOPKEY
BUG0221	Queue time out-of-range (traffic statistics problem). Queue Delay Time, Traffic Time, Queue Insert Time, Current Time-of-Day. Procedure LOOPKEY
BUG0225	More than the expected two party conference. NUMBER OF CONFEREES Procedure RLSKEY
BUG0230	Invalid TN. TN Procedure RLSKEY
BUG0235	Invalid DEST lamp state. STATE Procedure RLSKEY
BUG0240	Invalid SRC lamp state. STATE Procedure RLSKEY
BUG0241	A loop on the attendant console (TERMINAL) is being idled but the SRC link is NON-NIL. Action: See action for BUG242. *(CRPTR) TERMINAL Procedure RLSKEY
BUG0242	A loop on the attendant console (TERMINAL) is being idled but the DEST link in NON-NIL. *(CRPTR) TERMINAL Procedure RLSKEY Action: In the case of BUG241 and BUG242, determine, if possible, the type of call being Processed at the time the message appeared. Determine also the actions of the TN from *(CRPTR). It is possible that Call Registers could be lost. Repeating BUG messages of the type above must be followed by running AUDIT.
BUG0245	Night lamp is lit but position busy lamp is not. TN Procedure NITEKEY

BUG0250	No call of that type in attn queue but queue count states otherwise. ICITYPE, QUEUE SIZE Procedure ICIKEY
BUG0255	Flash recall but unit type is not .PBX TN, TYPE Procedure ICIKEY
BUG0260	Call Register is not linked to attendant. *(CRPTR) Procedure ONHOOK
BUG0265	Invalid destination lamp state. STATE Procedure ONHOOK
BUG0270	Terminal does not match ORIG_ITEM.TERMINAL, *(CRPTR). Procedure: ONHOOK
BUG0275	Invalid lamp states. STATE Procedure OFFHOOK
BUG0280	Connection does not correspond to lamp state. STATE, *(CRPTR). Procedure: ATTNHOLDKEY
BUG0285	Invalid destination connection. (CRPTR) Procedure ATTNHOLDKEY
BUG0286	The attendant-reserved slot of a held call and the slot actually used by the station do not match. RESERVED SLOT on attendant console is updated to value TALKSLOT. ORIGIN, TERTN, TALKSLOT, RESERVED SLOT. Procedure ATTNHOLDKEY
BUG0290	No third Call Register reserved after attendant hold and release. ATTN_TN Procedure RESETHOLD
BUG0295	No attendant unit type in Call Register. *(CRPTR) Procedure RELINK
BUG0296	Invalid customer number. Procedure OFFER_ATTN_RTSA
BUG0297	Invalid Attendant number. Procedure OFFER_ATTN_RTSA
BUG0298	Invalid ATTN_OFFER_TYPE parameter. Procedure OFFER_ATTN_RTSA
BUG0300 (135)	Invalid TN translation. TN Procedure ATTNPATHS
BUG0305	Invalid TN translation. TN Procedure RELEASE
BUG0310	Invalid attendant number. CUSTOMER, ATTN_NUMBER Procedure SETATTNPTRS
BUG0313	Shorter DN conflict. Procedure SETATTNPTRS
BUG0314	Shorter DN conflict. Procedure SETATTNPTRS
BUG0315	Invalid customer number. CUSTOMER NUMBER. Procedure SETCUSTPTRS

BUG

BUG0320	TD_G_LOOP:CRPTR not a tone loop. LOOP, *(CRPTR). Procedure REMOVETONETER
BUG0321	Same as BUG320 but loop_type not MF_SENDER. Procedure REMOVETONETER
BUG0325	TD_G_LOOP:CRPTR not a tone loop. LOOP, *(CRPTR) Procedure IDLETONE
BUG0330	Traffic start times mismatch. PRESENT_TIME, TNX, TNY, CALL_TYPE, START_TIME1, START_TIME2, TIME_SLOT, START_TIME3, START_TIME4 Call Types: 0 Dial tone 1 Busy 2 Overflow tone 3 Ringback tone 4 Ring tone 5 Miscellaneous tone 6 Outputser 7 - 8 Digitone 9 Incoming trunk 10 Outgoing trunk 11 Intra 12 Tandem trunk 13 Reserved connection only
BUG0333	Flexible tone table does not exist for this customer. Procedure SETTONE
BUG0335	Invalid argument to AIOD_MODULE. SOURCE Procedure AIOD_MODULE
BUG0336	Invalid customer number or route number from CO trunk. CUSTNO, ROUTENO, TN. Procedure AIOD_MODULE
BUG0340	Invalid TN. Minor alarm lamp lit on attendant console. Procedure AIOD_MODULE
BUG0345	Invalid unit type from ORIGN. ORIGN, TYPE. Procedure AIOD_MODULE

BUG0350	Invalid AIOD progress mark. AIOD_TN, PROGRESS MARK Procedure AIOD_MODULE
BUG0355	Fail PERIPH_MSG. Minor alarm lamp lit on attendant console. TN, MSG. Procedure AIOD_MODULE
BUG0360	Invalid card type from force disconnect. TN, AIOD CARD TYPE. Procedure AIOD_MODULE
BUG0365	Network map indicates timeslot is idle but network memory is not idle. TN1, TN2 (packed format), BADLOOP, SLOT1, SLOT2, CONTENTS. 811 and 911 versions: DATA0, DATA1. Procedure PATHFIND
BUG0370	Network map indicates timeslot is idle but network memory is not idle. TN1, TN2, BADLOOP, SLOT, CONTENTS. Procedure PATHFIND
BUG0371	TN3, *(ACTIVECR OF TN3), TALKSLOT_JUNC.ACTIVECR OF TN3. Procedure PATHFIND
BUG0372	TN4, *(ACTIVECR OF TN4), TALKSLOT_JUNC.ACTIVECR OF TN4. Procedure PATHFIND. TN1, TN2 are the TN involved in the call to pathfind. TN3, TN4 are the TN diagnosed as Being involved in a connection using the timeslot in question.
BUG0375	No conference pointer. *(CRPTR). Procedure REM_BI_BV_TONE
BUG0380	No destination pointer when removing tone. *(CRPTR). Procedure REM_BI_BV_TONE
BUG0385	CRPTR = NIL. Procedure REMOVEQ
BUG0390	CRPTR = NIL. Procedure INSERTQ
BUG0395	Invalid customer number in Call Register. *(CRPTR), ATTNCUSTNO (decimal). Procedure INCR_ATTQ
BUG0400	Invalid customer number in Call Register. *(CRPTR), ATTNCUSTNO (decimal). Procedure DECR_ATTQ
BUG0405	Number to be displayed is negative. NUMBER (hex). Procedure DECIMAL_CONVERT
BUG0410	Number cannot be represented in specified number of digits. NUMBER, DIGITS. Procedure DECIMAL_CONVERT

BUG

BUG0415	Invalid software trunk state detected. Far-end ONHOOK simulated. TN, TRUNKPM, *(CRPTR). Procedure TRUNKS
BUG0420	ORIGTN or TERTN to be idled in Call Register does not match the TN pointed to by ITEMPTR. Procedure TRUNKS
BUG0424	Invalid trunk state. Procedure TRUNKS
BUG0425	Attempt to seize a non-idle trunk. TN. Procedure TRUNKS
BUG0426	A NWK route access code is not stored in the system memory. Procedure TRUNKS
BUG0427	A call through the NWK trunk is camped on but the Call Register is not pointing to the trunk. The call is disconnected. Procedure TRUNKS
BUG0428	The NWK trunk which was to be reused had already been reused. Procedure TRUNKS
BUG0429	Input received by sender/receiver not associated with active Call Register. Procedure TRUNKS
BUG0430	Invalid CDR request. Procedure CDR
BUG0435	TNTRANS on ORIGTN or TERTN failed. Procedure CDR
BUG0440	TNTRANS on TERTN failed. Procedure CDR
BUG0445	Invalid UNITTYPE detected. Procedure CDR
BUG0450	Invalid RECTYPE detected. Procedure CDR_TAPE
BUG0455	CDR_BIT was set for trunks being idled. TN, *(CRPTR). Procedure IDLETRUNK
BUG0456	IDLECR CDR multiple call transfer. Procedure IDLETRUNK
BUG0460	An attempt to write to protected data store, location 0 by any of the Data Administration Programs. Procedure WRITEPDS
BUG0461	WRITEPDSBIT_: an attempt to write to protected data store, location 0 by any of the Data Administration Programs. Procedure WRITEPDS
BUG0470	Attempt to transfer to attendant illegal unit (i.e., attendant). Procedure XFERATTN
BUG0474	CRPTR not in CR range. {TN} {CRPTR} {CRWORD(0)} {ORIGTN}{TERTN} {QUEUE_IN}. Procedure RAN_MODULE

BUG0475	CRPTR = nil in entry to RAN_MODULE. Procedure RAN_MODULE
BUG0476	Invalid RAN_STATE from RAN_TRUNK_TO. Procedure RAN_MODULE
BUG0477	Invalid argument from PERPHI_MSG. Procedure RAN_MODULE
BUG0478	ULRANPTR = nil in removing timing block. Procedure RAN_MODULE
BUG0479	RAN_ITEM is not an RAN trunk. Procedure RAN_MODULE
BUG0480	Try to write protected location 0 (i.e., Checksum). Procedure WRITEPDS_
BUG0481	Attempt to write unprotected location. Procedure WRITEPDS_
BUG0482	Attempt to get unprotected storage on protected page. Procedure GETPDATA
BUG0483	Attempt to get protected storage on unprotected page. Procedure GETPDATA
BUG0484	Attempt to write to program store area. UGLOB3: Procedure WRITEPDS@. Procedure GETPDATA
BUG0485	Invalid parameter passed to PROCEDURE OVERLOAD. Procedure OVERLOAD
BUG0486	Not allowed to write at this location (SL-1 SN and ST). Procedure WRITEDDS
BUG0490	A father Call Register is trying to create a fourth son (only allowed to create a maximum of 3 sons), or Son Process type greater than maximum allowed for the SL-1 system. Procedure File AUXNNN
BUG0491	Either father or son is not a Call Register. Procedure File AUXNNN
BUG0492	Illegal process ID in father Call Register. Procedure CREATE_SON
BUG0493	Attempt to attach more than one son Call Register of the same type. Procedure CREATE_SON
BUG0494	The FATHER_CR pointer passed in does not point to a CR. Procedure CREATE_SON
BUG0495	Circular linked list is probably broken (i.e., have looped more than the maximum no. of sons allowed). Procedure REMOVE_SON
BUG0496	Trying to remove a nonexistent son. Procedure REMOVE_SON
BUG0497	Trying to remove a son when no sons exist (i.e., there is no circular list). Procedure REMOVE_SON

BUG

BUG0498	FATHER_CR is not a Call Register. Procedure REMOVE_SON
BUG0499	There is no circular linked list for the FATHER_CR. Procedure FIND_SON
BUG0500	Trying to find a son Call Register when no circular list exists. Procedure FIND_SON
BUG0501	The FATHER_CR passed in is not a CR. Procedure FIND_SON
BUG0502	There is no circular list for the SON CR passed in. Procedure FIND_FATHER
BUG0503	The SON CR passed in is a FATHER CR. Procedure FIND_FATHER
BUG0504	There is no father in the list or the circular list is corrupted. Procedure FIND_FATHER
BUG0505	The SON CR passed in is not a CR. Procedure FIND_FATHER
BUG0506	Father does not exist or circular list structure has been broken or corrupted. Procedure REMOVE_AUXCR
BUG0507	The CR passed in is not a CR. Procedure REMOVE_AUXCR
BUG0510	Invalid function code passed to RPE_MODULE. Procedure RPE_MODULE
BUG0511	RPE function requested on non-RPE loop. Procedure RPE_MODULE
BUG0512	RPE function requested for disabled loop. Procedure RPE_MODULE
BUG0513	Pointer to unprotected loop block or to either RPE data block is nil. Procedure RPE_MODULE
BUG0514	Invalid RPE queue function code. The RPE block is removed for the queue. Procedure RPE_MODULE
BUG0515	Invalid RPE timer function code. The RPE block is removed from the 2 s queue. Procedure RPE_MODULE
BUG0516	Bad RPE queue function. RPE block removed from queue. Procedure RPE_MODULE
BUG0517	Bad RPE timeout type. No time-outs performed. Procedure RPE_MODULE
BUG0518	RPE timing block overflowed. Alarm is not timed. Procedure RPE_MODULE
BUG0520	Idling a Call Register that is still linked as an auxiliary Call Register. Call Register idle and a task request for Audit is made. Procedure IDLECR_

BUG0525	Used in AUX but unreported. Procedure AUX
BUG0526	Used in AUX but unreported. Procedure AUX
BUG0528	CRPTR = nil in entry to ANI_MODULE. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0529	TDS should not connect at that time. Procedure ANI_MODULE
BUG0530	Invalid TN. Procedure ANI_MODULE
BUG0531	Invalid state. {TN} {SOURCE} {ANI_PM} {AUX_PM} {TRK_IN}. Procedure ANI_MODULE
BUG0532	AUX_CRPTR = nil in entry to ANI_MODULE. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0533	Trunk TN for CAMA trunk is not set up in Call Register. Procedure ANI_MODULE
BUG0534	Invalid ORIGTN. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0535	INVALID_DN for ORIGTN. {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0536	Call Register pointed by CRRPTR is not main call register or ANI Call Register. {CRPTR} {CRWORD (0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0537	Invalid customer number or route number. {ROUTE NUMBER} {CUSTOMER NUMBER} {AUX CRPTR}. Procedure ANI_MODULE
BUG0538	Invalid CUSTOMER NUMBER. {TN} {CUSTOMER NUMBER} {CRPTR} {CRWORD(0)} {ORIGTN} {TERTN} {QUEUE_IN}. Procedure ANI_MODULE
BUG0539	Invalid ROUTE NUMBER or CUSTOMER NUMBER in ANI_GET_CR_TONE. Procedure ANI_MODULE
BUG0540	Cannot find ARS Call Register. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0541	No ARS_ROUTEPTTR when mashing digits for supposedly good trunk. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0542	Digits fail DNTRANS2 when mashing digits for supposedly good trunk.*CRPTR *AUX_CRPTR. Procedure ARS_MODULE

BUG

BUG0543	Incorrect ARS_PM in ARS timeout. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0544	Cannot idle ARS Call Register. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0545	Cannot ARS translate digits after RING_AGAIN activated. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0546	ARS route changed in error. *CRPTR *AUX_CRPTR. Procedure ARS_MODULE
BUG0550	Invalid TN. Procedure VCOM
BUG0555	CAMS nesting level exceeded. Procedure START_CAMS
BUG0556	Parameter passed to START_CAMS is out-of-range. Procedure START_CAMS
BUG0560	CAMS nesting underflow; i.e., STOP_CAMS called before START_CAMS. Procedure STOP_CAMS
BUG0565	SET_ROUTE_PTRS failed on a RAN route. Route, Cust, DIGIT_WORDS(0), * (CRPTR). Procedure GIVE_ROA
BUG0566	IDLE_AUXCR failed. CRWORD(4), AUXLINK, * (CRPTR). Procedure IDLE_ROA_CALL
BUG0567	DENY_TONES, TN_TRANS, fails. Procedure IDLE_ROA_CALL
BUG0568	DENY_TONES, Call Register does not point to conference. Procedure IDLE_ROA_CALL
BUG0569	A son CR other than AUTH, ARS or CHARGE was found. Procedure RGA
BUG0570	Call Register said trunks but DN did not. *(CRPTR). Procedure RGA
BUG0571	A TERTYPE other than set was found in the RGA set queue. *(CRPTR). Procedure RGA
BUG0572	SETCUSTPTRS failed on CR in RGA trunks queue. *(CRPTR). Procedure RGA
BUG0573	TNTRANS of TERTN failed in FREE_TRUNK. *(CRPTR). Procedure RGA
BUG0574	Invalid RGA Call Register passed to DISCONNECT. Procedure RGA
BUG0575	CANCEL called with invalid AUXPM. *(CRPTR). Procedure RGA

BUG0576	Ring Again activated against a DN that was not a set or a trunk. DIGIT_WORDS 0 :CRPTR, *(CRPTR). Procedure RGA
BUG0577	When processing the Ring Again set queue, an invalid DN or TN was encountered. DIGIT_WORDS 0 :CRPTR, *(CRPTR). Procedure RGA
BUG0578	Unexpected Routes searched by ARS.
BUG0579	Nil pointer passed to RGA_SEARCHROUTE. Procedure RGA
BUG0580	Invalid conference loop passed to LINKCONF. Procedure LINKCONF
BUG0590	Too few digits in DN. Procedure SCRSA
BUG0591	Invalid DN. Procedure SCRSA
BUG0592	DN indicates a PBX rather than a block. Procedure SCRSA
BUG0593	DN indicates a block rather than a free space. Procedure SCRSA
BUG0594	DN tree corrupt. Procedure SCRSA
BUG0595	DN indicates something other than a DN block. Procedure SCRSA
BUG0599	BREAK_IN Procedure SCRSA
BUG0600	Non CDR CR in CDR Queue.{Customerid} {Port}. Procedure CDR
BUG0601	Broken CDR Queue. {Customerid} {Port}. Procedure CDR
BUG0602	Nil CDR Port Pointer. {Customerid} {Port}. Procedure CDR
BUG0603	Invalid record type in CDR Call Register {CDR_Record 7 } . Procedure CDR
BUG0604	BREAK_IN - WANTED_DISC; wanted party has no link to attendant's Call Register. Procedure BREAK_IN
BUG0605	BREAK_IN - WANTED_DISC; TNTRANS for attendant failed. Procedure BREAK_IN
BUG0606	BREAK_IN - FIND_WANTED_TN; CR, TN or TYPE of WANTED_TN is wrong. Procedure BREAK_IN
BUG0607	BREAK_IN - JOIN_CONF; conference pointer is nil. Procedure BREAK_IN
BUG0608	BREAK_IN - TNTRANS failed. Procedure BREAK_IN

BUG

BUG0609	BREAK_IN - SUCCESS; BRK_CRLINK is nil. Procedure BREAK_IN
BUG0650	ACCESS_ORIG_TER Unit type: ORIG_LINE_PTR is zero. Procedure ACCESS_ORIG_TER
BUG0651	ACCESS_ORIG_TER Unit type: ORIG_LINE_PTR is greater than .ATTN. Procedure ACCESS_ORIG_TER
BUG0652	LINE_CALL Unit type: TER_LINE_PTR is zero. Procedure ACCESS_ORIG_TER
BUG0653	LINE_CALL Unit type: TER_LINE_PTR is greater than ATTN. Procedure ACCESS_ORIG_TER
BUG0654	STN_TO_ATTEN Unit type: TER_LINE_PTR is zero after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0655	STN_TO_ATTEN Unit type: TER_LINE_PTR is greater than .ATTN after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0656	STN_TO_ATTEN unit on DESTPTR does not tntrans for substitution. Procedure ACCESS_ORIG_TER
BUG0657	STN_TO_ATTEN CRPTR does not equal SRCPTR. Procedure ACCESS_ORIG_TER
BUG0658	TRUNK_CALL Unit type: TER_LINE_PTR is zero. Procedure ACCESS_ORIG_TER
BUG0659	TRUNK_CALL Unit type: TER_LINE_PTR is greater than .ATTN. Procedure ACCESS_ORIG_TER
BUG0660	TRK_TO_ATTEN Unit type: TER_LINE_PTR is zero after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0661	TRK_TO_ATTEN Unit type: TER_LINE_PTR is greater than .ATTN after substitution of DESTPTR. Procedure ACCESS_ORIG_TER
BUG0662	TRK_TO_ATTEN unit on DESTPTR does not TNTRANS for substitution. Procedure ACCESS_ORIG_TER
BUG0663	TRK_TO_ATTEN CRPTR does not equal SRCPTR. Procedure ACCESS_ORIG_TER
BUG0664	ATTN_CALL Unit type: ORIG_LINE_PTR is zero after substitution of NEW_TN. Procedure ACCESS_ORIG_TER

BUG0665	ATTN_CALL Unit type: ORIG_LINE_PTR is greater than .ATTN after substitution of NEW_TN. Procedure ACCESS_ORIG_TER
BUG0666	ATTN_CALL NEW_TN does not TNTRANS. Procedure ACCESS_ORIG_TER
BUG0667	ACCESS_CONF non-conference loop passed in CFTN. Procedure ACCESS_ORIG_TER
BUG0668	LEAST_RESTR_TN DNTYPE not .MIXSL-1PR_DN. Procedure ACCESS_ORIG_TER
BUG0669	RLT_REMOTE trunk on originating side of ACCESS_ORIG_TER was not intercepted to RLTR_CALL. Procedure ACCESS_ORIG_TER
BUG0670	TERTYPE not PBX or SL-1 or NNABIT set and DNTYPE not multiple appearance. *CRPTR. Procedure FIND_FRE_TN
BUG0671	Invalid unit type in ITEM. ORIG_ITEM_PTR, *CRPTR.Procedure FIND_FRE_TN
BUG0675	Invalid message type from auxiliary processor. Procedure AUX_INP_Q
BUG0676	High-speed link does not exist. Procedure AUX_INP_Q
BUG0677	Illegal attempt to put the message Call Register into the high-speed output queue. Procedure AUX_LINK_MSG_CR
BUG0680	SET_ACD_POS_PTRS encountered a station that was not a SL-1 set, did not have key 0 as an ACD key or the U_ACD_POS_PTR was NIL. TN. Procedure ACD.
BUG0681	SET_ACD_PTRS failed. CUT, DN. Procedure ACD
BUG0682	ACD_LINK failed because the Call Register was already in a queue. *(CRPTR). Procedure ACD
BUG0683	ACD_REMOVE was given a Call Register that was not in an ACD queue. *(CRPTR). Procedure ACD
BUG0684	ACD_REMOVE encountered an invalid AUXPM in an ACD Call Register. *(CRPTR). Procedure ACD
BUG0685	SET_ROUTE_PTRS failed on a RAN route. ROUTE, CUST, DIGIT_WORDS 0, *(CRPTR). Procedure ACD
BUG0687	IDLE_AUXCR failed in IDLE_ACDRAN_CALL. CRWORD 4, AUXCRLINK, *(CRPTR). Procedure ACD

BUG

BUG0688	Agent or call failed to TNTRANS in SUCCESSFUL_TERM. *(ACD_CALL_CR), *(ACD_AGENT_CR). Procedure ACD
BUG0689	Improper input to APPLYTERMINATION. TERTN, *(CRPTR). Procedure ACD
BUG0691	A logged on ACD agent was automatically logged out when a LD 11 change was made to that set.
BUG0693	Bad entry to ACD. SOURCE Procedure ACD
BUG0694	RAN_TIMING found ORIGTN that failed to TNTRANS. *(CRPTR. Procedure ACD
BUG0695	SET CUST PTRS failed. Customer number. Procedure ACD
BUG0696	Agent-ID to be removed cannot be found in the Agent-ID table. Customer number, Agent-ID. Procedure ACD
BUG0697	Agent-ID to be removed cannot be found in the Agent-ID table. Customer number, Agent-ID. Procedure ACD
BUG0698	Agent-ID table does not exist for this customer. Customer number. Procedure ACD
BUG0700	Invalid action requested of CAS main. Procedure ACD
BUG0701	Cannot set RLA ptrs. The data for BUG701 to BUG732 inclusive, is as follows:
BUG0702	Input parameter 'event' is out-of-range. File CASRXXX. See BUG701 for output.
BUG0703	Invalid value for CAS_TONE. File CASRXXX. See BUG701 for output.
BUG0704	Incorrect state for receipt of .RLT_ANS_SUPV. File CASRXXX. See BUG701 for output.
BUG0705	Invalid state in flash disc. (Simple case). File CASRXXX. See BUG701 for output.
BUG0706	Invalid state in flash disc. (Conf. case). File CASRXXX. See BUG701 for output.
BUG0707	Attempt to apply Ringback to no existing source. File CASRXXX. See BUG701 for output.
BUG0708	CRPTR is not RLA_SOURCE or RLA_DEST. File CASRXXX. See BUG701 for output.
BUG0709	RLA_CONF_TN does not define a legal conference. File CASRXXX. See BUG701 for output.

BUG0710	Invalid state encountered. File CASRXXX. See BUG701 for output.
BUG0711	Members still connected to an idle conference. File CASRXXX. See BUG701 for output.
BUG0712	RLT_DISC releases the source side and encounters conference setup. File CASRXXX. See BUG701 for output.
BUG0713	RLA_PM = .RLA_EXTENDING and RLA_SOURCE = nil. File CASRXXX. See BUG701 for output.
BUG0714	ORIGTN in SCR_CR cannot TNTRANS. File CASRXXX. See BUG701 for output.
BUG0715	Invalid RLA state. File CASRXXX. See BUG701 for output.
BUG0716	Invalid tone timeout in extending state. File CASRXXX. See BUG701 for output.
BUG0717	Invalid tone timeout in SOURCE_DISC state. File CASRXXX. See BUG701 for output.
BUG0718	Invalid CONF. State in tone timeout. File CASRXXX. See BUG701 for output.
BUG0719	RLA_HALF_DISC state and data not zero. File CASRXXX. See BUG701 for output.
BUG0720	RLA_PM does not match DEST_CR state. The call is established but RLA_PM is still in extending state. File CASRXXX. See BUG701 for output.
BUG0721	CRPTR set to nil but is already nil. File CASRXXX. See BUG701 for output.
BUG0722	RLT trunk timeout but active CR is nil. File CASRXXX. See BUG701 for output.
BUG0725	RLT seizure and ACTIVECR not nil. File CASRXXX. See BUG701 for output.
BUG0726	Traffic collection - invalid duration. File CASRXXX. See BUG701 for output.
BUG0727	Call to IDLESPEECH with .ALL_PATHS when one of SRC or DEST is not there. File CASRXXX. See BUG701 for output.
BUG0728	CAS key defined on illegal set. File CASRXXX. See BUG701 for output.
BUG0729	Invalid MAINPM in Call Register. File CASRXXX. See BUG701 for output.
BUG0730	ORIGTO not in infotone CR. File CASRXXX. See BUG701 for output.
BUG0731	TERTO not allowed. File CASRXXX. See BUG701 for output.

BUG

BUG0732	Attempt to build conference connection without ORIG and TER parties. File CASRXXX. See BUG701 for output.
BUG0733	RLA index not equal to zero when presenting the call. File CASRXXX. See BUG701 for output.
BUG0735	Invalid Action--Attempting to pickup a Held Call from a trunk. File CASRXXX. See BUG701 for output.
BUG0740	Procedure SET_DISPLAY. Subprocedure ATTNSIDE failed. File DDSPXXX
BUG0741	Procedure SET_DISPLAY. Subprocedure DISPLAY_OUR_DN failed. File DDSPXXX
BUG0742	Procedure DISPLAY_MODE. 'Delay display' timer has timeout but DISPLAY key KEYLINK does not point to the CR in the timing list. File DDSPXXX
BUG0743	The LED state for the active Display key was dark or flashing. Neither state is valid. Possible loss of Call Register. Action: Run audit (LD 44). Procedure DISPLY_KEY, file DDSPXXX.
BUG0744	Procedure DISPLAY_MODE. No Call Register attached to Display Key. File DDSPXXX
BUG0745	Invalid function code passed to SET_DISPLAY. File DDSPXXX
BUG0750	SET_CUST_PTRS failed from GET_ATTN_DN. CUST.
BUG0755	DNTRANS2 returned other than .ATN_DN in ATTN_DN_BLK_PTR. CUST, DN, DNTYPE. Procedure ATTN_DN_BLK_PTR
BUG0760	Invalid ARS termination with ALL_ARS on. Procedure ALL_ARS.
BUG0770	Originating TN in Call Register fails TN translation. Procedure ARST.
BUG0771	Invalid customer number. Procedure ARST.
BUG0772	No ESN customer data block.
BUG0773	Source parameter out-of-range.
BUG0774	Unable to set up customer pointers. Procedure ARST
BUG0775	Unable to set up ARS pointers. Procedure ARST
BUG0776	No RGA son Call Register in ARS_RGA_TEST. Procedure ARST

BUG0777	ORIGTN in ROA Call Register fails to TNTRANS. Procedure ARST
BUG0780	CRPTR is invalid. Procedure DISA_MODULE
BUG0781	MAINPM .DIALING, .READY or .DELAYDIALING. Procedure DISA_MODULE
BUG0782	CUSTNO:PLORIGPTR fails SETCUSTPTRS. Procedure CHARGE_ACCOUNT
BUG0783	Extended function not .CPN_FN or .CHG_FN. Procedure CHARGE_ACCOUNT
BUG0784	CRPTR is invalid. Procedure CHARGE_AUTHCODE
BUG0785	Procedure called with an invalid SOURCE parameter. Procedure CHARGE_AUTHCODE
BUG0786	ORIGTN does not TNTRANS. Procedure CHARGE_AUTHCODE
BUG0787	CUSTNO: PLORIGPTR fails SETCUSTPTRS. Procedure CHARGE_AUTHCODE
BUG0788	AUXPM does not indicate CHARGE/CPN/AUTH. Procedure CHARGE_AUTHCODE
BUG0789	CONF_TN is not a conference loop. Procedure CHARGE_AUTHCODE
BUG0790	Son Call Register cannot be linked. Procedure CHARGE_AUTHCODE
BUG0791	There is no son Call Register linked. Procedure CHARGE_AUTHCODE
BUG0801	Invalid case in case statement. Procedure ACD_REPORTS
BUG0802	Invalid ACD_PRINT_CUSTNO Procedure ACD_REPORTS
BUG0803	No ACD_LIST_PTR for current customer. Procedure ACD_REPORTS
BUG0804	You cannot OUT SCB data block while ACD Package C reports are scheduled to
BUG0805	Nil pointers to IO_BLOCK or U_ACD_PRINT block. Procedure ACD_IO
BUG0806	Nil pointer to ACD SCHEDULE BLOCK. Procedure ACD_IO
BUG0807	Nil pointer to P_ACD_LIST or P_ACD_BLOCK or ACD_POS_LIST. Procedure CD_IO
BUG0808	ACD I/O terminal not defined in logical unit table. Procedure ACD_IO
BUG0809	Invalid TN in field ACD_POS_ID for an ACD agent position. Procedure ACD_IO

BUG

BUG0810	ACD key data not set up properly. Procedure ACD_IO
BUG0811	ACD position expected not found in ACD_POS_LIST. Procedure ACD_IO
BUG0812	The ACD supervisor that requested transfer of an agent position from one queue to another (SAPA command) cannot be found. Procedure ACD_IO
BUG0813	TEMP_STORE not large enough to receive PDATA unit table. Procedure ACD_IO
BUG0820	Invalid ACD supervisor in observe procedure. Procedure ACD_IO
BUG0821	Invalid key state for ACD supervisor observe key. Procedure ACD_IO
BUG0822	ACD supervisor's active CR does not equal the observe key link while in observe mode. Procedure ACD_IO
BUG0823	Invalid Call Register in observe tone timeout. Procedure ACD_IO
BUG0824	Invalid Call Register used to set one way conference speech path. Procedure ACD_IO
BUG0825	Customer number greater than 31. Procedure ACD_IO
BUG0826	Illegal entry point. Procedure MUSIC
BUG0827	Conferee count for music trunk not correct. Procedure MUSIC
BUG0828	Originating side of ACD call is invalid to receive music. Procedure MUSIC
BUG0829	Conference loop on music trunk not the loop assigned. Procedure MUSIC
BUG0840	Logical page parameter out-of-range. Procedure File MEMXXX
BUG0841	Block size parameter is zero. Procedure File MEMXXX
BUG0842	Attempt to copy a data block onto itself. Procedure File MEMXXX
BUG0843	Attempt to copy a data block past the end of memory. Procedure File MEMXXX
BUG0844	Attempt to release in low (reserved) memory. Procedure File MEMXXX
BUG0845	Attempt to release beyond end of memory. Procedure File MEMXXX
BUG0850	Divide overflow. Procedure File SCMMXXX (Memory Management LD 29)

BUG0851	Invalid task request: EXEC_PM, TASKPM, current request new request. Procedure File SCMMXXX (Memory Management LD 29)
BUG0852	Task stack underflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0853	Print buffer overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0854	Logical page list overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0855	Task stack overflow. Procedure File SCMMXXX (Memory Management LD 29)
BUG0856	Invalid control byte in print buffer. Procedure File SCMMXXX (Memory Management LD 29)
BUG0860	Invalid state of an agent position occurred. Procedure File ADSXXX.
BUG0888	Sum of the variables TB_SRC_COUNT and PB_DEST_COUNT is out-of-range. Should be 0 to 7. Logic error. Contact manufacturer. Procedure TRUNK_BARRING
BUG0960	Illegal party dialed park DN. Procedure TRUNK_BARRING
BUG0961	Cannot locate park block at recall time. Procedure TRUNK_BARRING
BUG0962	Cannot locate attendant park key. Procedure TRUNK_BARRING
BUG0963	Held call could not be removed successfully from music conference. Procedure TRUNK_BARRING
BUG0964	Music source connection could not be dropped. Procedure TRUNK_BARRING
BUG0965	Bad parameters passed to start the music or stop the music from caller. Procedure TRUNK_BARRING
BUG0966	Attendant supervisor monitored attendant's source not on line 0. Procedure TRUNK_BARRING
BUG0967	Attendant console to be monitored does not have its secondary TN on line one of the same card as its prime TN; move the secondary TN. Procedure TRUNK_BARRING
BUG0968	SON Call Register could not be released in start the music. Procedure TRUNK_BARRING

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BUG0969	Bad music trunk route parameters; find music trunk. Procedure TRUNK_BARRING
BUG0970	TN two and/or three on the monitored attendant's card are currently used; delete them. Procedure TRUNK_BARRING
BUG0971	One of two loops is unequipped. ULP_PTR = NIL. Format is: LOOP1, LOOP2 Procedure TRUNK_BARRING
BUG0972	Unable to set new conference originator (COMCT). Procedure TRUNK_BARRING
BUG0973	No conference originator found (COMCT). Procedure TRUNK_BARRING
BUG0980	Unit type is not trunk. Procedure TRUNK_BARRING
BUG0981	Cannot do TNTRANS on TERTN. Procedure TRUNK_BARRING
BUG0990	Attempt to write to slot when not seized. Procedure RPS Memory Test
BUG0991	Attempt to read slot when not seized. Procedure RPS Memory Test
BUG0992	Attempt to seize slot while slot is already seized. Fatal error. Procedure RPS Memory Test
BUG0993	SETBLKPTRS failed on DISI_LOOP. DISI
BUG0994	CHECK_CONTY called when no slot seized. Continuity Test
BUG0995	Attempt to seize slot while slot already seized. Fatal error. Continuity Test
BUG0996	Attempt to issue RPD message while output in progress. Printing Routines
BUG0997	Output line buffer overflow. Printing Routines
BUG0998	Stack overflow. Fatal error. Task Stack
BUG0999	Stack underflow. Fatal error. Task Stack
BUG1000	{action TN}{current TN}{event}{action state} {state}{sub state}{process count}. Task Stack
BUG1023	Illegal trunk type for PRA outgoing call. Task Stack
BUG1300	Timeout when call is in an invalid state. RGAPM not valid. Queuing
BUG1301	TCOS value greater than 7. Queuing

BUG1302	TN translation failed for call originator. Queuing
BUG1303	Failure to set up route pointers for route in route list. Queuing
BUG1304	Inconsistent eligible route information for CBQ(a) after ERWT. Queuing
BUG1305	RGA activation occurred when call is in state that is not permitted. Queuing
BUG1306	Failure to set customer pointer (SET_CUST_PTRS) for call originator. Queuing
BUG1307	Failure to set ESN data block pointer (ESN_DB_PTR) for call originator. Queuing
BUG1308	Failure to set route list pointer (ESN_RTE_LST_PTR) for call originator. Queuing
BUG1309	Invalid SON Call Register exists when RGA activated to enter CBQ. Queuing
BUG1310	Invalid entry type for DIST_RING. Distinctive Ringing
BUG1311	SET_CUST_PTRS failure in DIST_RING. Distinctive Ringing
BUG1312	TNTRANS failure in DIST_RING. Distinctive Ringing
BUG1313	SET_ROUTE_PTRS failure in DIST_RING. Distinctive Ringing
BUG1314	PCDATAPR equals nil when call procedure SET_ESN_PTRS. Distinctive Ringing
BUG1315	Missing SON Call Register; required on entry. NARS/BARS
BUG1316	NARS - invalid source. NRS/BARS
BUG1317	NARS - invalid translation type. NARS/BARS
BUG1318	Invalid source to DIR_CALL_PICKUP.
BUG1319	DNIS call cannot terminate because the DNIS route is not marked for auto-terminate or IDC translation. {customer number}{route number}.
BUG1320	Non-ACD Call Register found on dark SDN key.
BUG1321	TN Translation failed.
BUG1322	Failed to find route (CDR).
BUG1323	Failed to find route (CDR).
BUG1329	Missing NARS/BARS main Call Register. Queuing.

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BUG1330	Bad case. Queuing
BUG1331	NARS translation error; suspect data corruption. NARS_TRANS has translated 4 levels deep and cannot find the entry data. Queuing
BUG1332	Bad entry point for Individual Hold (I-Hold). Individual Hold
BUG1333	Terminal activating I-Hold is invalid. Individual Hold
BUG1334	I-Hold orig timing out, Hold flag not set. Individual Hold
BUG1335	I-Hold ter timing out, Hold flag not set. Individual Hold
BUG1336	Invalid TN removing call from I-Hold. Individual Hold
BUG1337	Protected terminal loop block pointer is nil called by (CH.TN.CONVERT) Queuing
BUG1338	TN to channel conversion fails called by PRINT_TN (GLOBAL3). Queuing
BUG1339	Digital Trunk Interface (DTI) signaling (non-ESN) encounters invalid source parameter or invalid call type. Queuing
BUG1340	The TERTN of a NARS call is not a TRK. Queuing
BUG1341	Timeslot being written already had data in its contents. TNX, TNY, LOOPX, SLOTX, NETWORK ADDRESS, DATA0, DATA1, NTWK EVEN MAP, NTWK ODD MAP. Queuing
BUG1342	The supervisor TN being moved configured with NSVC key does not equal TN in ACD position block.
BUG1343	What has occurred: A call coming on DNIS route is not auto-terminate or idc. Action statement: intercept to attendant.
BUG1346	This item is not a trunk and cannot be idled. Procedure Abort_Call (DIGPR)
BUG1347	WRITEPDS_FIELD fails because field designated is out-of-range. Procedure Abort_Call (DIGPR)
BUG1348	Procedure OPAO IN AFFECT (GLOB4) is unable to set route pointers to see if the trunk involved is performing an OPAO call. Call Register info follows. Procedure Abort_Call (DIGPR)
BUG1349	Procedure OPAO IN EFFECT (GLOB4) is unable to set the trunk involved pointers to see if it is performing an OPAO call. Call Register info follows. Procedure Abort_Call (DIGPR)

BUG1350	Procedure REQ DTN 4 OPAO (SCTRK) could not acquire the route pointer for the trunk being service changed to see if the route is OPR allowed. The route number and trunk TN follows. Procedure Abort_Call (DIGPR)
BUG1351	Procedure ALL MEMBERS DTN (SCRDB) could not acquire the route member's pointers to see if the trunk has DTN COS. Route number, member number, and member TN to follow. Procedure Abort_Call (DIGPR)
BUG1352	ALL_MEMBERS_DTN (SCRDB) could not acquire the route member. Customer number, Route number, and Member TN to follow.
BUG1353	ALL_MEMBERSDTN (SCRDB) could not find route member though member list block said it existed. Customer number, Route number, and Member TN to follow.
BUG1354	Message registration - proc MSG_REG, Itemptr should not be nil.
BUG1355	Message registration - proc INCR_CUST_MTR metorcustptr is nil.
BUG1356	Call Register marked '.SLP_STATION' is not in conference.
BUG1357	Procedure MONITOR_AUX_MSG (ADS) has an invalid Protected pointer to the ACD block. Call Register information follows.
BUG1358	Procedure MONITOR_AUX_MSG (ADS) is unable to set up the pointers to determine if the ACD-DN is Virtual or Actual for a specific customer. Customer and DN follow.
BUG1359	Channel index non-existent in Prot. Cref. Table.
BUG1360	Last index is greater than Table length in ASSIGN_REFNUM.
BUG1361	TNTRANS fail in LINK_MSGCR.
BUG1362	MSGCR in UCREF_TBL is NIL but call can be rebuilt.
BUG1363	MSGCR is NIL for T.O., Answer & Disconnect.
BUG1364	Invalid state in STATE_HANDLER.
BUG1365	Invalid SOURCE in STATE_HANDLER's call state.
BUG1366	PRA TN does not match either ORIGTN or TERTN in active CR in IDLE_B_CHANNEL.
BUG1367	TN TRANS fail in Procedure CANNOT_REBUILD.
BUG1368	SET_DCH_PTRS failed.

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BUG1369	Loop # out-of-range in BCH_TO_TN.
BUG1370	B channel is 0 in TN_TO_BCH.
BUG1371	Loop # missing in DCH block in TN_TO_BCH.
BUG1372	Ref # not match in UCREF_TBL in RELEASE_REFNUM.
BUG1373	Invalid MAINPM after DNTRANS for incoming call.
BUG1374	Inc MSGCR is NIL in SEND_ON_ORIG, DISC_ORIG_SIDE, INIT_MSG_CR.
BUG1375	SET_ROUTE_PTRS in ENBLOC_DIALING, TERMINATE ENBLOC_TIMEOUT.
BUG1376	TNTRANS on ORIGN fail in INIT_MSG_CR.
BUG1377	Setcustptrs failed in get_clid, get_prog_called, and get_redirecting.
BUG1378	CRPTR/MSGCR is not idled in LINK_MSGCR.
BUG1379	TNTRANS fail in REQUEST_OUTPUT.
BUG1380	Invalid DCH pointers.
BUG1381	PRI reported DCH is out-of-service, but it is not the one configured.
BUG1382	Invalid timeout event.
BUG1383	No channel TN for channel reset.
BUG1384	CDR_BIT is set for idle PRA B channel.
BUG1385	Illegal trunk type for PRA outgoing call.
BUG1386	Incoming/Outgoing Call on a non-PRA B-Channel.
BUG1387	MAINPM & AUXMP of CR that is pointed to by the priority Agent Table does not equal : QU_ACD & .ACD_IDLE_POS_QD Procedure Idle_Prior_Agent.
BUG1388	The AGT_PRIORITY field in the CR is not within range. Procedure Idle_Prior_Agent.
BUG1389	What has occurred: The index to the call reference table is 0 which should never happen. Action statement: Do not idle the call reference number.
BUG1500	Parameters to NUM_DN_MEMBERS do not identify a valid SL-1 DNBLOCK. Procedure NUM_DN_MEMBERS

BUG1501	Parameters to GET_DN_MEMBERS request an invalid DN member number. Procedure GET_DN_MEMBERS
BUG1502	Unable to identify the required TN in GET_NEWSPEECH. Procedure GET_NEWSPEECH
BUG1503	Unable to restore old speech path after blocking in GET_NEWSPEECH. Procedure GET_NEWSPEECH
BUG1504	A set cannot be relocated (probably due to a clash on one of the keys). Procedure SET_RELOCATE
BUG1505	OVL cannot Log in even though the overlay area is idle. Procedure OVL_SUPERVISOR
BUG1506	A bad AUXPM was encountered while the MAINPM was dialing. Procedure DIG_PR
BUG1507	Terminal is not a valid TN. Procedure AABCS OR AAPBX
BUG1600	Invalid entry into procedure RADIO_PAGE. Procedure RADIO_PAGE
BUG1601	Unable to create a son Call Register for radio paging to link to Meet-me queue. Procedure RADIO_PAGE
BUG1602	While answering a radio paging call, the paging party station type was neither PBX, BCS, ATTN nor TRK. Procedure RADIO_PAGE
BUG1603	The answering party station type is neither PBX, BCS, ATTN nor TRK. Procedure RADIO_PAGE
BUG1604	RPA_ACC_PM has an invalid value for the stage of processing. Procedure RADIO_PAGE
BUG1605	While answering a radio paging call, the paging party was an attendant but neither the SRCLIST nor the DESTLIST of the ACTIVE_LOOP was the father Call Register. Procedure RADIO_PAGE
BUG1606	While processing a radio paging timeout, data corruption was detected in the father Call Register. The son will be removed from the Meet-me queue. Procedure RADIO_PAGE
BUG1607	While transferring a call to a radio paging system, data corruption in the son Call Register was detected. The son will be removed from the Meet-me queue. Procedure RADIO_PAGE

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BUG1608	While resetting the timer for the Meet-me queue when dialing the paged DN, data corruption was found in the son CR. The son will be removed from the queue. Procedure RADIO_PAGE
BUG1610	Invalid entry into procedure MEET_ME. Procedure MEET_ME
BUG1616	Procedure BUSY_LAMP: SETCUSTPRTS failed. Procedure MEET_ME
BUG1617	Cannot provide announcement to tandem trunks. Procedure MEET_ME
BUG1618	No keylink found for ORIGTN. Procedure MEET_ME
BUG1619	ORIGTYPE must be one of SL-1, PBX, ATTN, TRK or CONF. Procedure MEET_ME
BUG1620	Dn digits do not exist to remove DN from DNTRANS. Procedure MEET_ME
BUG1621	Invalid TERTN in network Ring-Again Call Waiting CR in procedure RGA. Output: ORIGTYPE:CRPTR, *(CRPTR) Procedure MEET_ME
BUG1622	CRPTR2 is NIL in procedure RGBK_OFFER (global RGA). Output: ORIGTYPE:CRPTR, *(CRPTR). Procedure MEET_ME
BUG1623	CRPTR is NIL in procedure RGBK_OFFER (global RGA). Procedure MEET_ME
BUG1624	Invalid ORIGTN in network ring-again CR in procedure RGA. Output: ORIGTN: CRPTR, *(CRPTR). Procedure MEET_ME
BUG1625	Unable to find BCS DN key in ORIGKEY or OLDKEY in procedure ACC_SUCC (global RGA). Output: ORIGKEY:CRPTE, OLDKEY:CPTR, *(CRPTR) Procedure MEET_ME.
BUG1626	TNTRANS failed during an attempt to lockout. Procedure MEET_ME
BUG1627	Trk requested to be held is not for a Network Call (X08 Rls 9) Redundant after X08 Rls 10 Networking.
BUG1628	Invalid request to release a trunk (X08 Rls 9). Redundant after X08 Rls 10 Networking.
BUG1629	One of the parameters from or to must be a route PTR to unprotected route block. Procedure MEET_ME
BUG1630	CPR key is not found while CPR_AVAILABLE is set. Procedure MEET_ME

BUG1631	Overlay 11 is trying to create a zero length CPN data block. Procedure MEET_ME
BUG1650	Cannot clear minor alarm until Time and Date is reset (for SAR feature). Procedure MEET_ME
BUG1660	CRPTR is NIL. Procedure LINK128
BUG1661	ORIGTN an TERTN are both zero. Procedure LINK128
BUG1662	CRPTR is NIL. Procedure DIGPROC
BUG1663	ORIGTN and TERTN are both zero. Procedure DIGPROC
BUG1664	The SS signal RUSE/RUSD has been rejected. Possible table mismatch.
BUG1665	The response from the RUSE/RUSD signal is invalid.
BUG1666	RUSE/RUSD signal was received for an invalid state.
BUG1667	A RUSE/RUSD signal was not received as expected.
BUG1668	Cannot send SS signal. Should be able to.
BUG1669	Invalid FAS task.
BUG1670	Invalid ORIGTN in Call Register during a FAS call.
BUG1671	Invalid CUSTNO found during a FAS call.
BUG1672	Invalid NLC_BLK_NO in Call Register during a FAS call. Will route to home attn/night number.
BUG1673	Invalid ATTN NLC route call to home att/night number.
BUG1674	No FAS attn SCHED_BLOCK. Route to home att/night number.
BUG1675	Invalid attendant status.
BUG1676	DIGPR: FAS invalid.
BUG1677	FAS: Wink not allowed on FAS key.
BUG1678	FAS: Lamp state out-of-range or not allowed.
BUG1679	FAS: New lamp state out-of-range or not allowed.

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BUG1680	FAS: FAS pointer should be NIL when not used.
BUG1681	FAS: Invalid DRBK state detected.
BUG1682	FAS: Invalid customer number detected.
BUG1683	Break-In Proc. Desired_CR - dialed DN does not exist in the protected line bock.
BUG1684	Procedure L1CMF_TO_CMF: Invalid signal encountered.
BUG1685	Setting speechpath: MAINPM is not ESTABLISHED.
BUG1686	TRKS: Invalid origtn in FAS queue call
BUG1687	TRKS: No ARS Call Register available.
BUG1688	FAS: Data corruption in FAS queue Call Register.
BUG1689	FAS: No digits to insert - INST = 0000.
BUG1690	Parameters to NUM_DN_MEMBERS do not identify a valid SL-1 DNBLOCK.
BUG1691	Parameters to GET_DN_MEMBERS request an invalid DN member number.
BUG1692	Unable to identify the required TNs in GET_NEWSPEECH.
BUG1693	Unable to restore old speechpath after blocking in GET_NEWSPEECH.
BUG1706	NO idle addons found in idle queue.
BUG1707	The net_cr_ptr of the Call Register in use is nil and further use of this ptr will cause data corruption.
BUG1708	Invalid USTM TASK in procedure USTM.
BUG1709	Parameters missing in procedure USTM.
BUG1710	Other timing already being done on this trunk. USTM timing not done.
BUG1711	Attempted to start USTM timing before applying tone to the trunk. USTM timing not done.
BUG1713	USTM timer not unlinked from low priority 2 second queue.
BUG1714	Originating trunk is an invalid TN.
BUG1715	Invalid LP2S_Q_TASK in procedure LOW_P_2SEC_QU.

BUG1716	RPE timing blocks not used in low priority 2 second queue.
BUG1717	Bad timer type found in low priority 2 second queue.
BUG1718	Parameters missing in procedure LOW_P_2SEC_QU.
BUG1719	Element to be unlinked is not in low priority 2 second queue and will not be unlinked.
BUG2000	The PLDN CRLINK of the CR is bad or PLDN cr is already in a queue.
BUG3000	Invalid state in APL module. {APL_SOURCE} {INVALID_TYPE} {INVALID DATA}. The event is ignored. Procedure APL
BUG3001	Message CR to link into APL output queue is not in idle queue. {APL_SOURCE} {APL_DATA} {APL_PTR} {PRIORITY} {LINK NUMBER} {BLOCK_PTR} {BUG_PRINT_CR}. The message CR is not linked to the APL output queue. Procedure APL
BUG3002	Queue data block for the APL output queue is not associated. {APL_SOURCE} {APL_DATA} {APL_PTR} {APL_NUMBER} {BLOCK_PTR} {LINK_Q_HDR} {BUG_PRINT_CR}. The event is ignored. Procedure APL
BUG3003	The message CR in APL output queue is not set to the .QU_APL_OP when removing the CR from the queue. {APL_SOURCE} {APL_DATA} {APL_PTR} {APL_NUMBER} {BLOCK_PTR} {BUG_PRINT_CR}. If back link is formed, QUEUE_IN is updated to QU_APL_OP. Procedure APL
BUG3004	APL output handler has a request to send messages and the specific link is not defined in configuration. {APLINKOP} {APL_REQ_TO_SEND} {APL_RDY_TO_SEND}. Clear the request. Procedure APL
BUG3005	There is a request to send output messages and the output queue is empty. {APL_SOURCE} {ACTIVE_APL} {APLINKOP} {APL_REQ_TO_SEND} {APL_PHY_NUM} {U_APL_PTR} {QUEUE_PTR} {LINK_Q_HDR}. Clear the request. Procedure APL
BUG3006	The length of the input message is either too small or too large. {APP_TYPE} {MSG_TYPE} {PACKET_IDX} {MESSAGE_LENGTH} {APL_NUMBER} {MSG_SIZE_PTR} {U_APL_PTR}. Ignore the input message. Procedure APL
BUG3007	The length of the output message is too large. {APL_SOURCE} {ACTIVE_APL} {APLINKOP} {APL_NUMBER} {MESSAGE_LENGTH} {MESSAGE_TYPE} {CUSTOMER_NUMBER} {APPLICATION_NUMBER}.

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BUG3010	Invalid state for procedure SEND_MSG. {MESSAGE TYPE} {APPLICATION} {LINK_NUMBER} {CUSTOMER #} {MSG_DATA} {MSG_PTR} {CR_PTR} {USER_PTR}. Ignore the event. Procedure APL
BUG3011	Invalid state for PROC_IMS_I_MSG Procedure APL
BUG3012	Message type out-of-range {MESSAGE TYPE}. Ignore the message. Procedure APL
BUG3013	Application type out-of-range {APPLICATION NUMBER} Ignore the message. Procedure APL
BUG3014	Link number out-of-range {LINK NUMBER}. Ignore the message. Procedure APL
BUG3015	The message length of the output message is either too small or too large. {MESSAGE TYPE} {APPLICATION} {MESSAGE LENGTH}. Ignore the message. Procedure APL
BUG3016	Store the digits into orig DN of the output message exceed the size of the field. {POINTER TO THE MESSAGE CR}. Ignore additional digits.
BUG3041	The buffer to the DTI hardware has overflowed.
BUG3050	Network call is blocked because of an invalid source to the signaling module.
BUG3051	Invalid (undefined) call type.
BUG3052	Number to be displayed is negative.
BUG3053	Number cannot be represented in the specified number of digits.
BUG3054	Invalid TMG state.
BUG3055	TMG unable to find ACD CR.
BUG3056	TMG is unable to set ACD pointers.
BUG3060	ACD pointers corrupted.
BUG3061	DN received from AUX invalid.
BUG3067	Network control data block has not been defined.
BUG3068	Invalid (unidentified) sub-call type. Also occurs when LD 36 is used with a remote maintenance phone to dial an ISL TIE line. TRK017 occurs if the call is answered.
BUG3069	Test line event out-of-range.

BUG3070	Invalid event Test LINE_PM.
BUG3071	Invalid test line timeout.
BUG3072	Customer Translation failed.
BUG3073	TN translation failed.
BUG3074	BLOCK_CALL should not be returned from procedure CHECK_SAT_RTE.
BUG3075	Invalid return code from procedure CHECK_SAT_RTE.
BUG3076	Pointer to conference block equals NIL.
BUG3077	Point to protected loop block equals NIL.
BUG3078	Loop type does not equal conference loop.
BUG3079	Invalid occurrence of an asterisk during a TDET call.
BUG3080	Invalid source for NXFER.
BUG3081	Initial TNTRANS call failed in TELSET (TST); status (Generic update. Status update attempt abandoned) {end}
BUG3082	Initial SETCUSTPTRS call failed in TST (status update). Status update attempt is abandoned.
BUG3083	Invalid TST calling parameter. Status update attempt is ignored.
BUG3085	TNTRANS call failed after AUX reply received by Status Update. Continue looking for valid TN with same DN.
BUG3091	Invalid directory number mix.
BUG3092	Bad CALL_PARK entry point.
BUG3093	Bad PM when CALL_PARK_BIT is set.
BUG3094	System Park ID is not valid.
BUG3095	Returned System Park ID out-of-range.
BUG3096	Returned System Park ID invalid.
BUG3097	TNTRANS on originator failed in procedure ORIG_IS_SAT.

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BUG3098	SET_ROUTE_PTRS failed in procedure ORIG_IS_SAT.
BUG3099	TNTRANS on either ORIG or TER. TN in HELD_ON failed procedure CHECK_SAT_RITE.
BUG4000	TNTRANS failed in NSIG module.
BUG4001	Call Register idled when SON CR still linked.
BUG4002	TRKS called from DIGPR: ORIG_ITEM not a trunk.
BUG4003	TRKS called from DIGPR: ORIG and TER both not trunks.
BUG4004	Lost time slot idle station in disconnect.
BUG4005	Lost time slot idle Call Register.
BUG4006	Lost time slot reserved path lost when getting a new one.
BUG4007	BSD call cut off at path find.
BUG4008	BSD call cut off at path idle.
BUG4009	Invalid display message type for the BGD.
BUG4011	DNTRANS value indicates that the ACD-DN entered after the Display key was pressed is/is not an ACD-DN. However, ACD pointers cannot be set on this DN (procedure ACD-DN Digits). This BUG message appears on the DDSP Module.
BUG4012	DN key lock-up prevented. Trunk in readied state ringing set.
BUG4013	Unable to set up route pointers for NFCR toll clock.
BUG4014 data	Invalid state-event combination. Data: trk_tn source fgd_inc_pm.
BUG4015 data	ACTIVE CR of FGD_ITEM is NIL. Data output is trktn source fgd_ini_pm.
BUG4016 loop ts n0 n1	Cannot read Network Card control memory. Output: Loop = superloop number, ts = timeslot, n0 = NWKdata0, n1 = NWKdata1
BUG4017 loop ts n0 n1	Cannot write data into Network Card control memory. Output: Loop = superloop number, ts = timeslot, n0 = NWKdata0, n1 = NWKdata1
BUG4018	All output timeslots on Network Card are busy. Output message is lost. Procedure XNET_OUTPUT.

BUG4019	The PRI loop is not a primary DCH or a secondary DCH loop. It is a data corruption. With the D channel number and the loop number check the PRI loop block.
BUG4021	At Attendant Alternate Answering (AAA) timeout, the attendant is neither the ORIG nor TER party. AAA is only applicable to the attendant. Procedure AAA_Timeout
BUG4023	IFC x DCHNO y An invalid DCH_Interface_ID was encountered. Either the value is out-of-range or the interface is not expected in the logic which issued the bug. Where: x = DCH_Interface_ID, y = D channel number.
BUG4024	The mass storage disk manager is busy. The Previous user has not released the disks.
BUG4025	Cannot determine if XTRUNK value is Universal Trunk (NT8D14) or E&M Dictation Trunk (NT8D15).
BUG4026	Invalid entry into procedure NMC_HANDLER.
BUG4027	An out-of-range ISDN message index has been detected while building a message. Message cannot be correctly encoded.
BUG4030	An Analog Line Card (NT8D03) supported PBX set (500/2500 type) went off-hook but the mainpm in the associated Call Register was improper. The mainpm was not RINGING, ESTABLISHED, CAMPON, CWAITING, SPECIAL, RAN_WAITING, nor was it CDR. Software will idle the call.
BUG4031	ssd tn An Analog Line Card (NT8D03) supported 500 set sent an input message for a dialed digit with more than 10 pulses, thus interpreted by software to be an invalid dialed digit. Software will ignore this input.
BUG4032	Pointer to PSDL Output CR is NIL.
BUG4036	NIL pointer in procedure call. Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.
BUG4037	Possible corruption of memory (global pointer). Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.
BUG4038	Attempt to idle a Call Register with a NIL pointer. Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION:

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	SYSLOAD interrupts call processing.
BUG4039	Possible corruption of memory (global variable). Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.
BUG4041	Possible corruption of memory (global variable). Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.
BUG4042	Possible corruption of memory (data). Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.
BUG4043	PSDL procedure called with an invalid command. Action: Do a SYSLOAD; on continued failure, contact supplier. CAUTION: SYSLOAD interrupts call processing.
BUG4044	Disk manager must release the old user before it can assign a new user to the disk.
BUG4045	SS CR holds invalid information
BUG4046	Invalid Facility I.E. information received.
BUG4047	This Service Identifier is not supported by TCAP.
BUG4048	The Local Transaction code is missing in SS CR.
BUG4049	Invalid Service discriminator received in TCAP.
BUG4050	Missing component type in SS CR.
BUG4051	Mandatory information for request output is missing.
BUG4057	Global XI_UTILS called with dataptr = NIL.
BUG4058	Attendant Alternate Answering (AAA) task ID is out-of-range. Global procedure AAA_ALT_ANS.
BUG4059	Attendant Alternate Answering (AAA) timing should not already be active. Procedure AAA_START_TIME.

BUG4060	Attendant Alternate Answering (AAA) timing was not done in the 2 second queue. Procedure AAA_STOP_TIME.
BUG4061	PSW packet length exceeds output buffer length.
BUG4062	Pointer is nil for input block or storage buffer.
BUG4063	Undefined auxiliary customer pointer. This message applies to Release 15.
BUG4064	Illegal parameter passed to WRT_AWU_CU.
BUG4065	Cannot get AWU timeslot.
BUG4068	ACTIVECR or MSG_CRPTR of the U_TRK_BLOCK is NIL in Procedure O_NO_GL_CHNEGO. PRA_TN is printed.
BUG4069	PD-DTI_IDLE_SLOT is called to remove a reserved timeslot but the reserved timeslot count is already zero.
BUG4070	XMI—Message did not enqueue.
BUG4071	XMI—Incomplete message found in queue.
BUG4072 loop	XMI—New message started without finishing the previous message. This may be a Network Card or Peripheral Controller firmware problem.
BUG4076	XMI—Message to idle must first be removed from a queue.
BUG4078	XMI—Message has a bad type (usually greater than 127).
BUG4079	XMI—Unknown application number.
BUG4080	An out-of-range index has been detected for the "Type of Number" field contained in some ISDN information elements. The field cannot be correctly encoded or decoded.
BUG4081	An out-of-range index has been detected for the 'Numbering Plan' field contained in some ISDN information elements. The field cannot be correctly encoded or decoded.
BUG4082	Intercept Computer (IPC) package does not support more than 4 digit DNs.
BUG4108	Incoming msg not allowed for this application.
BUG4109	VAS ID out-of-range.
BUG4110	Invalid source to ESDI_MAINT.

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BUG4111	Invalid ESDI input.
BUG4112	Invalid source to CSL_MAINT procedure.
BUG4113	Database error. For example, CLS_PM does not match the global word CSL_ACTIVE, CSL STANDBY.
BUG4114	When there is a disconnect msg received on SATN but the flag in maintenance CR indicates it is not set up yet. Software error.
BUG4115	SADM with class of service of CMS but cannot find CSL block with matching SATN.
BUG4116	CSL CR pointer is NIL.
BUG4117	MRID is not found in the CSL CR.
BUG4118	MRID or APPLIC (or both) are not found in the CSL CR.
BUG4119	No link number is found for the designated IS/DS port.
BUG4120	No MRID could be allocated to an originating call to IS/DS services.
BUG4124	Unprotected Unit block is missing from terminal TN. Cannot set speechpath on LI Loop.
BUG4125	Message CE is not in QU_NONE.
BUG4126	Output queue is not allocated.
BUG4127	Message CR ID is not .QU_CSL_OP.
BUG4128	Output message has length zero.
BUG4129	Output message exceeds link frame length. Check N1 parameter in Overlay 17.
BUG4130	DLI_AUDIT_TYPE was not set up when either DTI_LOOP_INIT or DTI_PWR_INIT was set.
BUG4135	Invalid ESDI_pm or ESDI_Auxpm.
BUG4138	Failed to set ACD pointers when canceling/answering a RGA on ACD call.
BUG4139	TNTRANS failed when canceling/answering RGA or ACD entry or handling BCS time-out. date: customer number, ACD DN, ACD entry, *(crptr).

BUG4140	ACD key is not configured on the TN when RGA or handling BCS time-out. data: customer number, ACD DN, ACD entry, *(crptr).
BUG4149 t	LD 17 DO_ESDI_TTY should only be called after the TTY IO block is set up for the shown port. Parameters are in decimal. t = TTY port number.
BUG4150	An incoming CSL DATA message has been received with an invalid message subtype. {message type} {message subtype} {VAS ID} {customer number}. Parameters are in hex.
BUG4151	CSL_COADMIN has been called with an invalid source. Parameter is in hex.
BUG4152	CSAI/CSLDATA_MSG has been called with an invalid CSL DATA message subtype. Parameters are in hex.
BUG4153	An incoming CSL DATA data service DN message has been received, but the CSL link (stored in the message Call Register) does not translate to a valid VAS ID. Parameter is in hex.
BUG4154	TNMAINT took too many timeslices RMA/RMA_CSL_TNMAINT.
BUG4155	Flag indicates that an incoming CSL CONFIRM message has been received from the Server, but CSL_MSGPTR is NIL.
BUG4156	An incoming CSL DATA data service DN message has been received, but the DSDN_VAS_TBL_PTR for that customer is NIL. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.
BUG4157	CSAI - entry already in DSDN_LIST.
BUG4158	An incoming CSL DATA data service DN message has been received, but the customer number (from the message) is invalid. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.
BUG4159	An incoming CSL DATA delete data service DN message has been received and the data service DN exists, but the entry for that DN is not in the DSDN_LIST. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.
BUG4160	An incoming CSL DATA delete data service DN message has been received and the data service DN exists, But no entries are defined for that customer and VAS Server. {message type} {message subtype} {VAS ID} {customer number} {data service DN} {access code}. Parameters are in hex.

BUG

BUG4161	CSAI - not able to build alpha block, should not occur since alpha TNs were already checked.
BUG4162	Flag indicates reception of CSL CONFIRM message, but CSL_MSGPRT is not a CSL message CR.
BUG4163	Flag indicates reception of CSL CONFIRM message, but CSL_MSGPRT is not a CONFIRM message.
BUG4164	Flag indicates reception of CSL CONFIRM message, but customer number is wrong.
BUG4165	Flag indicates reception of CLS CONFIRM message, but from wrong Server.
BUG4200	Trunk TN failed TNTRANS. Procedure TEN_SET_UP_CPG.
BUG4201	Station TN failed TNTRANS. Procedure TEN_SET_UP_CPG.
BUG4202	Caller is neither a trunk nor a station. Procedure TEN_SET_UP_CPG.
BUG4203	Message to Digital set should not use BCS output buffer. Procedure BCSOP
BUG4204	Invalid input command from digital sets. Procedure TCM_INPUT_MSG.
BUG4205	Invalid input for procedure HANDLE_CMD_A.
BUG4206	Invalid input for procedure HANDLE_B1.
BUG4207	Invalid input for procedure HANDLE_B4.
BUG4208	Invalid input for procedure HANDLE_CMD_C.
BUG4209	Invalid input for procedure TOUCH_KEY_FUNC & TOUCH_KEY_FUNC2.
BUG4210	Invalid input for procedure TOUCH_CP.
BUG4211 yyyy	Invalid input for procedure FIXED_KEY. yyyy = the fixed key number
BUG4212 yyyy	Invalid input for procedure ProGRAMMABLE_KEY. yyyy = BCS_FUNCTION.
BUG4213	Invalid input for procedure TOUCH_LOCAL_COMM
BUG4214	Invalid input command for maintenance.
BUG4215	Invalid input command for compact dial pad digit. DIAL_PAD.

BUG4216	Excess invalid input messages from digital sets. Every input message is counted. When the total count reaches a limit, this bug message will be printed and the count is reset to zero.
BUG4217	Unit equipped message is received from given TN when unit is active on call.
BUG4218 yyyy	Invalid input command for CONSULT or COMPLETE_FUNC. Where: yyyy = XFER_INDICATION in CR.
BUG4219	Invalid output command. Procedure TCM_OUTPUT_MSG
BUG4220	Invalid input command for maintenance mode.
BUG4221	Unit unequipped message is received.
BUG4222	Display is equipped, but displayblkptr is nil.
BUG4223	VCE_TN_ORIG call is set on data TN Call Register but active Call Register of voice TN equals nil.
BUG4224	CMC_ON bit is set but current PROT_INDEX is not CMC and CDRCR is equal to end-of-queue.
BUG4225	AMP analog Call Register pointer equal nil.
BUG4226	Change_to_data procedure is called when the data TN is in orig_TN.
BUG4227	Invalid AUXPM in attendant queue.
BUG4228	Active loop does not equal non-active but SRPTR and DES equal nil.
BUG4230	IDLESTATION - neither the SRCPTR or DESTPTR equal CRPTR.
BUG4231	Procedure SETLAMPSTATE, PASSED. SSDKEY is greater than 2009, 2112, or 2018 last key.
BUG4232	LED required but not present on key.
BUG4233	Attempted tds ringtone connection for digital set. Procedure APPLYRINGTONE
BUG4234	Ringslot-junc = 1 and station is not a digital set. Procedure REMRINGTONE (GLOB1).
BUG4235	Procedure CHK_FOR_DATA. Called with wrong parameter.
BUG4236	Attempt to send data message and neither the ORIGN or TERTN in the call

BUG

BUG4237	Voice TN answers or originates data call but fails TNTRANS.
BUG4238	Attempt to idle data CR that was originated by the voice TN but there is no corresponding CR in the voice TN active CR. Procedure CMD_DATA_IDLE
BUG4239	Voice TN originated data call in progress but data TN fails TNTRANS or is disabled. Procedure CHANGE_TO_DATA TCM INPUT_MSG. Procedure CMD_ILDE TCM OUTPUT_MSG
BUG4240	Procedure TSET_DATA_CALL SL-TOUCH updated to data initiation state and there has been no positive response from TADA.
BUG4241	Procedure DATA_RGA_ACCEPT RGA key is not defined properly for data TN at ring-again-accept time.
BUG4242	CRPTR is equal to nil.
BUG4243	Active Call Register if voice set does not equal CPTR CMD_DATA_CFD (digital telephones).
BUG4244	TNTRANS failed.
BUG4245	Invalid input to Procedure SL-1_FUNCTION.
BUG4246	Buzz (bcs2) unit type is not a bcs unit.
BUG4247	Invalid ran route and customer.
BUG4248	Procedure MAX. KEYLINKS passed. Unit type is not a BCS unit.
BUG4249	GET_EXT_UNIT called for a non-terminal loop TN. Must fix calling procedure to process TN in an alternate manner.
BUG4250	TNTRANS failed on NFCR abort-call.
BUG4251	Invalid course for RES_SCBCS.
BUG4252	Invalid return from Procedure RAN Required.
BUG4253	ACD TOF call bit set on non-active incalls key of agent (ACD).
BUG4254	ACD pointers of Target or Source cannot be set. Procedure: Fail2.
BUG4255	This source ACD DN cannot be added to this target ACD DN because it is already servicing the maximum amount of flow-queue (INIT).
BUG4256	Invalid AUXPM. Procedures link into TOF queue and scan Overflow TOF queue.

BUG4257	CONF PTR passed to CONF6_CONTROL (DIGPR) is nil.
BUG4258	Invalid conference loop passed to CONF6_CONTROL (DIGPR).
BUG4259	Invalid Party ID for SLP conference disconnect.
BUG4260	TN Trans failure on SLP calling party.
BUG4261	TN Trans failure on SLP dialed party
BUG4262	SLP call found on Attendant destination
BUG4263	Cannot set ATTN PTRS (atgb2).
BUG4266	What has occurred: Invalid call signaling msg.
BUG4267	What has occurred: CRPTR = nil after from DIGPROC.
BUG4268	What has occurred: Invalid MAINPM for interflowed call.
BUG4269	IDC translation failed. Call intercept to attendant.
BUG4270	Invalid constant at X25_call. Investigate possible data corruption.
BUG4271	Return NIL ptr at RCV_CALL_ACCEPTED.
BUG4272	PS not found at receive BNR. Investigate possible data corruption.
BUG4273	PS not found at receive_RR. Investigate possible data corruption.
BUG4274	PS not found at X25_flow_input. Investigate possible data corruption.
BUG4275	Invalid constant at X25_handler. Investigate possible data corruption.
BUG4276	Invalid constant at proto_conv. Investigate possible data corruption.
BUG4277	Return NIL ptr at proto_conv. Investigate possible data corruption.
BUG4278	TTY_IO_PTR = NIL at ISDNAP_IN. Investigate possible data corruption.
BUG4279	U_CSL_PTR=NIL at ISDNAP_IN. Investigate possible data corruption.
BUG4280	DEVICE=NIL at load_buf. Investigate possible data corruption.
BUG4281	TTY_IO_PTR =NIL at load_buf. Investigate possible data corruption.
BUG4282	Invalid constant at X25_restart. Investigate possible data corruption.

BUG

BUG4283	This procedure should not be called at RZC_restart_cnfrm. Investigate possible data corruption.
BUG4284	Invalid lay 3_state at REC_Restart_cnfrm. Investigate possible data corruption.
BUG4285	Invalid constant at X25_state_mgr. Investigate possible data corruption.
BUG4286	Invalid lay 3_state at Do_X25_input. Investigate possible data corruption.
BUG4287	Invalid VC state at validate_state. Investigate possible data corruption.
BUG4288	Invalid P4 state at check_P4 state. Investigate possible data corruption.
BUG4289	Cannot find active LCN at DO_X25_output. Investigate possible data corruption.
BUG4290	Invalid constant at Recv_bad_pkt. Investigate possible data corruption.
BUG4291	Invalid constant at X25_Timer. Investigate possible data corruption.
BUG4292	VC_Timer_ptr=NIC at Set_VC_Timer. Investigate possible data corruption.
BUG4293	VC_Timer_ptr=NIC at clr_VC_Timer. Investigate possible data corruption.
BUG4294	X25_link_Tim_ptr=NIC at Set x25_Tim_T10. Investigate possible data corruption.
BUG4295	X25_link_Tim_ptr=NIC at clr_X25_Tim_T10. Investigate possible data corruption.
BUG4296	No user_Num found at X25_VC_Set_ptr. Investigate possible data corruption.
BUG4297	Invalid_output pkt at upd_out_stat. Investigate possible data corruption.
BUG4298	NIL ptr found at Init_X25_link. Investigate possible data corruption.
BUG4299	NIL ptr found at init_X25_VC. Investigate possible data corruption.
BUG4300	Pretranslation PM not zeroed.
BUG4301	.Pretranslation PM incorrect, second pass..
BUG4302	I. Pretranslation PM incorrect, second pass..
BUG4303	.TN pointer is not loaded (PLORIGPTR = NIL)..
BUG4304	.Non-existent calling type..

BUG4305	.Customer data-pointer is nil..
BUG4306	.Customer data has nil entry..
BUG4307	NWK_HELD Call Register of the trunk is disconnected during pendulation due to loss of addon. *(NWK_HELD_CR:ULORIGPTR).
BUG4308	Option not invoked (PREO = 0).
BUG4309	Network addon already associated with incoming DID which received VLDN. Call will be intercepted to vacant number treatment. *(CRPTR), NET_CR_PTR:CRPTR.
BUG4310	Auto relocate TN not found on a digital telephone.
BUG4311	History file corrupted: file cleared.
BUG4312	During the setup of a conference, a Call Register with no trunk TNs was found to have an addon. The conference will continue, but the addon will be idled.
BUG4313	During attempt to undo an optimization, RUSE signal to inform remote end of take down could not be sent.
BUG4320	DTI2_HANDLER, source out-of-range.
BUG4321	Supervisor package is equipped, prime TN must be on unit 0 or 4.
BUG4322	Supervisor package is equipped, secondary TN must be on unit 1 or 5.
BUG4323	Supervisor package is equipped, units 2 and 3 must be free of stations.
BUG4325	Attempt to remove not on linklist).
BUG4326	Invalid originator for Interflow, Night Call Forward or Busy Tone calls.
BUG4327	Back_PTR equals nil for Night Call Forward..
BUG4328	CHECK_CONTY called when no slot seized.
BUG4329	Attempt to seize slot while slot already seized.
BUG4330	Logical page parameter does not fall on the correct physical page.
BUG4331	ASNK key pressed but LND package not equipped.
BUG4332	Procedure SEARCH_ROUTE module DIGLB: LAST_SELECTED out of bounds.

BUG

BUG4333	Data corruption detected in attendant TN list: CUST # ATT_ACCCODE, ATT # ATTN TN.
BUG4334	CR to idle has a temporary CR linked.
BUG4335	Temporary CR is not in CR range.
BUG4336	Error source passed into ACD_COLL_STATS..
BUG4337	Invalid return code to try_interflow from procedure check_IFDN. Digital PPM procedure called for analog trunk.
BUG4338	Invalid return code to ran_timing from procedure check_NCFW_dn.
BUG4339	Call tries to interflow when it is not calling its source queue.
BUG4340	I P_ESDI_PTR=NIL at FREE_P_X25_DATA; investigate possible data corruption.
BUG4341	TTY10BLK_PTL=NIL at FREE_U_X25_DATA. Action: Investigate possible data corruption.
BUG4342	U_DATA_BLK_PTR=NIL at FREE_U_X25_DATA. Action: Investigate possible data corruption.
BUG4343	X25_I_PTR=NIL at FREE_U_X25_DATA. Action: Investigate possible data corruption.
BUG4344	X25_O_PTR=NIL at FREE_U_X25_DATA. Action: Investigate possible data corruption.
BUG4345	U_X25_BLK_PTR=NIL at FREE_U_X25_DATA. Action: Investigate possible data corruption.
BUG4346	Invalid case at X25 handler. Action: Investigate possible data corruption.
BUG4347	Invalid X25 link with standby (CSLM). X25 link has no standby.
BUG4348	Son Cr type set_Ring_cr linked to the main cr is not equal to that on the timing queue.

BUG4349	PARM_INDIC has been set to incorrect value in "STOR" ACD Load Management Command. There is a software bug in module ACDL, procedure IN_PARM_INDIC to an unexpected value.
BUG4350	Attempt to free memory out-of-range (SL-1 NT/XT).
BUG4351	Attempt to free invalid memory type (SL-1 NT/XT).
BUG4352	Attempt to get memory out-of-range (SL-1 NT/XT).
BUG4353	Negative value used as an index.
BUG4355	Lockout timing cr points to a trunk that does not point to the timing cr - timing cr idled.
BUG4356	Invalid trunk tn found when checking for the R2 mod feature.
BUG4357	Invalid route found in module mfc.
BUG4358	Invalid CMF TN found on a R2 mod trunk.
BUG4359	A call through a NWK Trunk has been camped on for 40 minutes and an attempt to disconnect it was made, but no origTN was found in the Call Register AT6B2_Time_REM_TO.
BUG4360	TNTRANS failed in module mfc.
BUG4361	A call to the global procedure CHK_ADDON_PTR was made with a Call Register pointer equal to NIL.
BUG4362	A call to the global procedure CHK_ADDON_PTR was not in the Call Register range.
BUG4363	Digits found in a NRGa_CR are valid, but not equal to a NLC or TNDN - GL FIND_NRGa_CR. This will be caused if NRGa is set up wrong in a NLC (not TNDN), scheme. NLCP must be YES in all network NLC block.
BUG4364	Digits found in a nrga_cr are invalid GL - FIND_NRGa_CR This will be caused if NRGa is set up wrong in a NLC (not TNDN), scheme. NLCP must be YES in all network NLC block.
BUG4365	Incomplete DN found in a NRGa_CR GL - FIND_NRGa_CR. This will be caused if NRGa is set up wrong in a NLC (not TNDN), scheme. NLCP must be YES in all network NLC block.

BUG

BUG4366	A 500 set has went into lockout with a TRK still attached. The trunk was not involved in a network call so it will not be taken down as the state is unknown. GL_LINE_LOCKOUT, IDLE_NET_TRK.
BUG4367	LND trying to reinsert dialed NLC, but a translation on the NLC digits in the NLC block has failed. Indicates data corruption. GL - LND - insert NLC_DIGS {DN_TYPE} {CUSTOMER} {NLC BLK PTR}.
BUG4368	A call to the global procedure CMF_TBL_PTR was made with an invalid CMF TN or Trunk TN. {TASK TYPE} {CMF TN} {TRUNK TN}.
BUG4375	NIL ptr found at init_X25_VC. Action: Investigate possible data corruption.
BUG4376	X25_U_VC_ptr=NIC at update_V. Action: Investigate possible data corruption.
BUG4377	X25_U_blk_ptr=NIL at upd_lay3_state. Action: Investigate possible data corruption.
BUG4378	X25_U_VC_ptr=NIC at upd_data_xfer. Action: Investigate possible data corruption.
BUG4379	Invalid constant at flow handler. Action: Investigate possible data corruption.
BUG4380	No clr_call for PVC at DO_SND_CLR_IND. Action: Investigate possible data corruption.
BUG4381	Procedure RSANI Invalid source for procedure call. *(CRPTR)
BUG4382	Procedure BCSTO. Invalid TN found in TERMINAL. *(CRPTR)
BUG4383	Procedure LIN500TO. Invalid source for procedure call. *(CRPTR)
BUG4384	Procedure LIN500TO. Invalid ORIGTN found in TERMINAL. *(CRPTR)
BUG4385	Procedure LIN500TO. Invalid TERTN found in TERMINAL. *(CRPTR)
BUG4386	Procedure ATTENDANTTO _ Invalid TN found in TERMINAL. *(CRPTR)
BUG4387	Procedure RLA. Invalid TN found in TERMINAL. *(CRPTR)

BUG4388	Procedure RLA. Invalid TN found in TERMINAL. *(CRPTR)
BUG4390	ACD_ITEMPTR is not an ACD agent.
BUG4391	Cannot set pointers for ACD Agent.
BUG4392	Agents template pointer is NIL.
BUG4393	Agents account CR never released.
BUG4394	ACNT key is on a non-lamp key number.
BUG4395	Bad source into ACD_ACNT_Code Procedure.
BUG4396	ACNT key in FLASHING state.
BUG4397	Account Code CR equals NIL and ACD_ACNT_IN_PROG bit set in active CR.
BUG4398	ACNT key WINKING or LIT, but agent not active on ACD call.
BUG4399	ACTIVECR in procedure state_handler in PRA module is nil. Return address stack will be printed. Save hard copy of bug printout and report problem.
BUG4400	Loop defined as a primary or secondary reference clock source is not a DTI loop.
BUG4401	Data is inconsistent for clock sources.
BUG4402	Call type with .COS_NAP should not be making outgoing trunk calls.
BUG4405	Illegal entry into procedure CMF_UTILITY.
BUG4406	BREAK_IN: Case task is out-of-range.
BUG4407	BREAK_IN: Procedure Set_Up_BKIN; No Call Register is available.
BUG4409	Writepds has been called for an address between top addr match and bot addr match (diagnostic).
BUG4410	A truncation error has occurred in OMEGA memory management. It was corrected.
BUG4500	BREAKIN: Incorrect task number passed to BKI_MAIN.
BUG4501	BREAKIN: SAVE_BKI_SLDT: TN is not an attendant.
BUG4502	BREAKIN: RECONSTRUCT_BKI. Attempt to reconstruct simple call with nonexistent terminal(s).

BUG

BUG4503	BREAKIN: SET_UP_BKIN: INTICR failed.
BUG4504	BREAKIN: RECONSTRUCT_CALL: SAVESLOT is nonexistent.
BUG4510	CRPTR = NIL (FTC_HANDLER).
BUG4511	FTC table does not exist. Table 0 used.
BUG4550	Attempt to output message to invalid card.
BUG4552	(TN TRANS fail) RBTS set-tone.
BUG4553	X25-SET-PTR failed. Action: Investigate possible data corruption.
BUG4554	Invalid case # at X25 handler. Action: Investigate possible data corruption.
BUG4555	Invalid LAY3 state at X25. Action: Investigate possible data corruption.
BUG4556	X25_VC_Set_ptr failed at X25. Action: Investigate possible data corruption.
BUG4557	IO BLOCKLINK=NIL at X25. Action: Investigate data corruption.
BUG4558	U_CSL_PTR=NIL at X25. Action: Investigate data corruption.
BUG4559	Device address=NIL. Action: Investigate data corruption.
BUG4560	IDN key on non-lamp key
BUG4561	Invalid treatment found for DND treatment options.
BUG4562	PREO =1, and Pretrans block =NIL
BUG4563	Pretranslation block pointer is NIL.
BUG4564 t	Parameter downloading failed: invalid xcard_type t passed to the procedure Param_Download.

BUG4565 loop	Parameter downloading failed: loop is undefined or is not a superloop.
BUG4566 loop s	Parameter downloading failed. Peripheral Controller is undefined for given address.
BUG4654	Enhanced vars call. TN trans failure on the tertn. (PROCEDURE ENH_VARS_SET_UP).
BUG4655	Incompatible data exists between HELD_CR and MISOP_HLD:CRPRT.
BUG4656	TN Trans failed. Trunk will hung. Procedure MISOP_2PY in module MISOxxx.
BUG4665	An incoming time-out has occurred when a phantom call was invoked.
BUG4666	Procedure BURP_ABLE has failed to send the BUR.
BUG5000	Operation not defined (NAS).
BUG5001	Tag not defined for operation (NAS).
BUG5002	Value not defined for this primitive (NAS).
BUG5003	Cannot call ENCODE with a sequence (NAS).
BUG5004	Primitive not valid for this operation (NAS).
BUG5005	Problem during setup of operation (NAS).
BUG5006	Invalid originating TN (ORIGTN) in Call Register during NAS.
BUG5007	Invalid customer number. Procedure nas_check_ptr.
BUG5008	Nil pointer to NAS alternatives (insert digits). Procedure nas_check_ptr.
BUG5009	No digits to be inserted for NAS routing. Procedure nas_check_ptr.
BUG5010	Wink not valid for NAS (Fast Flash). Procedure nas_check_ptr.
BUG5011	Lamp state out-of-range or not allowed. Procedure nas_check_ptr.
BUG5012	Invalid NAS check. Procedure nas_check_ptr.
BUG5013	TNTRANS failed in NAS related procedure. Procedure nas_check_ptr.
BUG5014	Warning BKI Term node executing original code. Procedure nas_check_ptr.
BUG5015	Invalid call state for invoking of attendant control Procedure nas_check_ptr.

BUG

BUG5016	Attempt to invoke attendant control on non BCS/PBX unit, or by a non-NAS attendant. Procedure nas_check_ptrs.
BUG5017	Return-error or return-result received for attendant control when no invoke was sent. Procedure nas_check_ptrs.
BUG5018	Invalid call state to receive return result or return error for attendant control. Procedure nas_check_ptrs.
BUG5019	Attendant control operation received in an invalid PRA message. Procedure nas_check_ptrs.
BUG5020	Far end reject of ring held party activation. Procedure nas_check_ptrs.
BUG5021	Invalid PRA message or state for ring held party operation reception. Procedure nas_check_ptrs.
BUG5022	Invalid onhook or offhook message received. Procedure nas_check_ptrs.
BUG5023	Onhook or offhook called for a call not involved with an ISDN trunk. Procedure nas_check_ptrs.
BUG5024	Invalid case for reception of ring held party activation. Procedure nas_check_ptrs.
BUG5025	Problem idling SSMSGCR at end of PRA. Procedure nas_check_ptrs.
BUG5026	Break-in encountered invalid data. Procedure nas_check_ptrs.
BUG5027	Unexpected return value from nas_routing in PRA, digproc or NARS. Procedure nas_check_ptrs.
BUG5028	NIL msg_crptr in the ulprprt. Procedure nas_check_ptrs.
BUG5029	Problem in SETCUSTPTRS. Procedure nas_check_ptrs.
BUG5030	Cannot idle NARS Call Register. Procedure nas_check_ptrs.
BUG5031	Invalid primitive for message type. Procedure nas_check_ptrs.
BUG5032	Camp-On desired party ringing, however last message received not as expected. Procedure nas_check_ptrs.
BUG5033	Unexpected EVENT received at tandem node. Procedure nas_check_ptrs.
BUG5035	Unexpected condition in NAS anti-tromboning procedure or related procedure.

BUG5041	Invalid Source (NACD).
BUG5042	Invalid package type (NACD).
BUG5043	Invalid message type (NACD).
BUG5044	Invalid state (NACD). Procedure Invalid State.
BUG5045	Invalid return from NITE_TRMT_REQD (NACD).
BUG5046	Invalid AUXPM (NACD). Procedure LINK_INTO_TOF_Q
BUG5047	Call has not been removed from the queue (NACD). Procedure LINK_IN_MIDDLE
BUG5048	Incorrect Access Code (ACOD) length (NACD). Procedure SEND_LOG_REQ
BUG5049	Parameters are too long for Call Request or Status Exchange (NACD). Procedure SEND_LOG_REQ, or SEND_STAT_EXCH
BUG5050	Cannot create son cr (NACD). Procedure SEND_LOG_REQ, NACD_AGT_AVAIL, SEND_CALLSETUP, NACD_CALLSETUP.
BUG5051	Cannot set ACD pointers (NACD). Procedure SET_ACD_PTRS, SET_2ND_ACD_PTRS, NACD_NETQ_PROC
BUG5052	Cannot find father CR (NACD). Procedure CALL_REQ_TO, NACD_CALLSETUP, NACD_NETQ_PROC.
BUG5053	The duration tag is missing (NACD). Procedure CALL_REQ_TO
BUG5054	CRPTR is not set to the main CR. Procedure NACD_AGT_AVAIL, SEND_CALLSETUP, NACD_CALLSETUP, SEND_NOVF, CLEAN_UP_ROSE_CR.
BUG5055	Cannot find the TCAP CR. Procedure NACD_AGT_AVAIL, NACD_AGT_UNRESV, RESERV_TIMER_TO, NACD_ALERT, NACD_NETQ_PROC.
BUG5056	Cannot remove Target Node. Procedure NACD_AGT_AVAIL, NACD_AGT_UNRESEV, RESERV_TIMER_TO, NACD_CALLSETUP, AGT_FREE_SENT
BUG5057	Cannot TNTRANS Agent. Procedure NACD_BUZZ_TO, DECR_AGT_DIS, NACD_CALLSETUP

BUG

BUG5058	Cannot TNTRANS Originating TN for Main CR. Procedure SEND_CALLSETUP.
BUG5059	Main & AUXPM are incorrect on Agent's CR. Procedure NACD_CALLSETUP
BUG5060	Agent's keylink not set correctly. Procedure NACD_CALLSETUP.
BUG5061	Cannot remove son by PTR. Procedure NACD_ALERT
BUG5062	TERTYPE is not a trunk CR. Procedure CLEAN_UP_RESECR
BUG5063	Invalid AUXPM. Procedure REMOVE_FR_Q, NACD_RET_TO_Q
BUG5064	Trying to remove a call that is in the 128 ms queue. Procedure REMOVE_FR_Q
BUG5065	Invalid Agent Priority. Procedure REMOVE_FR_Q
BUG5066	Call already in queue. Procedure NACD_LINK.
BUG5067	Main CR indicates NACD_PROC son, but the AUX_CRLINK is nil. Procedure NACD_REM_LOC, NACD_LINK_LOC.
BUG5069	No trunk ACOD in the NACD_ROSE_CR to use as an originating DN.
BUG5070	Invalid reason code given in the Procedure DO_REASON.
BUG5071	The AUX_CRLINK for this Call Register is corrupted. It exceeds the maximum number of son Call Registers allowed.
BUG5072	Procedure REMOVE was called incorrectly to remove the call from the register that was linked to the ACD Call Request queue.
BUG5074	Cannot find the Message CR for this data base request transaction. Message will not be sent.
BUG5075	Invalid Timer type encountered in 2 s queue, NACD will idle the CR.
BUG5076	Resend timer time-out occurred in an invalid application state. The CR will be idled.
BUG5077	BLOCK_PTR is not in the ACD queue. Procedure REMOVE_FR_Q
BUG5078	BLOCK_PTR in not in a Call Register. Procedure REMOVE_FR_Q
BUG5081T xxxx	An invalid timer value is present in the procedure PRA_GET_TIMER. Where: T= Timer identified and xxxx= timer value Contact your Northern Telecom representative for design support.

BUG5082 xx	Invalid numbering type in msg cr for International Interface. Where: xx = number type
BUG5083 xx	Invalid Message type from SEND_ON_ORIG (PRA). Where: xx = Message Type
BUG5084	PRA_O_GL_CRPTR of the PRA_MSG_CR is NIL in O_GLARE_CHNEGO.
BUG5085	Main stack audit location (10 words from the bottom of the main stack) has been written. This is a warning message that the Main Stack may need to be expanded to prevent stack overflow.
BUG5086	Return Address Stack audit location (10 words from the bottom of the RAS) has been written. This is a warning message that the RAS may need to be expanded to prevent stack overflow.
BUG5087	TNTRANS on the alternate B-channel failed in Procedure INC_CH_NEGO. CHANNEL_TN is printed.
BUG5088	An invalid digit has been detected in the message CR while encoding a number for an outgoing ISDN message. The number was skipped and not put in the outgoing message.
BUG5089	An invalid type was found for the Timer 1 Auxiliary Timing block. Global: DCH Handler. Procedure AUX_TIMER1_TO. Field: DCH_AUX_T1_TYPE
BUG5090 tn	NIL value returned for the key template address for this Digital Set. The set must be redefined in the data base. Procedure GET_TEMPL_PTR
BUG5092	DATA_PTR has exceeded MAX_DATA_PTR. PRS BV16048
BUG5093	Processing pointer for specified queue is nil QU_ID.
BUG5094	DATA_PTR or MAX_DATA_PTR is corrupted.
BUG5095	Tone cr could not be removed from list of sons (Periodic Camp-on Tone feature).
BUG5096	The DN programmed as a forwarding DN is not an internal DN, or does not exist.
BUG5097	The DN programmed as a forwarding DN is not a single appearance DN.
BUG5098	The DN programmed as a forwarding DN is not a secretary set.
BUG5099	Orign has been programmed as both a Boss and a Secretary telephone

BUG

BUG5100	WARNING: FIFO treatment of Q is not provided. DIGPROC is returning a different CR back onto one of the ATTN Qs processed by WKSD. Call processing still works. *(CRPTR)
BUG5101	Loop is not an RPE2 loop or necessary loop blocks do not exist.
BUG5102	RPE2 group is automatically spared but there is no group pointer.
BUG5103	TN exists in network memory but corresponding CRPTR is NIL (RPE2).
BUG5104	No timeslot is available for RPE2 call rebuild.
BUG5106	The In-band ANI route found is not an auto-terminating route. All IANI routes should be auto-terminating.
BUG5107	DLAMP is in an invalid state (greater than .lit)
BUG5108	CRPTR is not in range when L DISCONNECT is requested. Notify the attendant to release the SRC/DEST if this occurs. The disconnect message is ignored, and there may be a stuck path.
BUG5109	The CRPTR is not in range when the ATTN RLS CALL is requested. Notify the attendant to release the SRC/DEST if this occurs. No disconnect is allowed and the release request is ignored. You may have a stuck path.
BUG5110	The CRPTR is not in range when a release is requested during an ATTN_RLS_CALL. Action: Notify the attendant to release the SRC/DEST if this occurs. The release is not allowed and the request is ignored, there may be a stuck path.
BUG5112 tn1 tn2 y s	Slot Y has been reserved as a re-usable slot for tn1, but the NWK memory shows that Slot s is also active for tn2. Global Procedure FINDONEWAY. Local Procedure CHK_VALID_REUSE
BUG5113 tn s	Slot s is marked as a re-usable slot assigned to tn, but its RESERV_COUNT field is zero in the U_SLOT_SHARE_BLK. Global Procedure IDLEONEWAY. Local Procedure DTI_IDLE_SLOT
BUG5114	TFM - NIL ROUTE POINTER, prints route number
BUG5115	The system cannot retrieve the pointer for the 500/2500 set's protected line data block.
BUG5116	Your attempt to link a CR to the Attendant has failed. BKI_LINK_TO_ATTN.
BUG5117	Your attempt to link a CR to desired party failed. BKI_LINK_TO_DES

BUG5118	Unable to activate/deactivate the Break-In with Secrecy (BKIS) feature.
BUG5119	The number of TNs configured in the system is equal to or less than zero.
BUG5120	The number of ACD Agents/Supervisors configured in the system is equal to or less than zero.
BUG5121	The number of ACD-DNs configured is equal to or less than zero.
BUG5122	The number of AST sets configured is equal to or less than zero.
BUG5124	Invalid source to Trunk Optimization (TRO) handler.
BUG5125	Facility is not contained in facility message.
BUG5126	TRO father cr is missing.
BUG5127	TRO supplementary cr is missing.
BUG5128	Invalid operation value in facility IE.
BUG5129	Invalid FAC (invoke, rr, re, rej) message received.
BUG5130	Invalid call state.
BUG5131	Cannot initiate TRO call at originating node.
BUG5132	TRO is rejected
BUG5133	No NARS on CR.
BUG5134	Facility message time out.
BUG5135	Failed to send facility message.
BUG5144	The identifier for that information request is invalid.
BUG5145	Invalid lamp state for the WUK key on a BCS set. Procedure AWU_WUK_PRESSED. Dark, lit or flash are the only valid lamp states.
BUG5146	Invalid WRITE_TYPE value passed in procedure WRT_AWU_TN.
BUG5147	Invalid AWU_TYPE value passed in procedure AWU_KEY.
BUG5148	Pointer(s) is (are) not correctly set before the procedure WUK_DARK_OR_LIT is called from procedure AWU_KEY. Possible data corruption.

BUG

BUG5149	CRPTR=NIL when it should already exist. Procedure WUK_LAMP_FLASH.
BUG5150	Procedure WUK_RESTORE was incorrectly called when the set was not a BCS set.
BUG5151 q i	An XMI message register in this queue has an incorrect or invalid ID. Where: q = XMI queue, i = message register's ID.
BUG5152 i	An XMI message register has an invalid queue ID. Where: i = message register's queue ID.
BUG5153 q	This XMI queue is corrupted. Where: q = XMI queue.
BUG5154 q	This XMI queue's data block is corrupted. Where: q = XMI queue.
BUG5155 a	The message register address passed to XI_UTILS or XI_HELPER is outside the valid message register address space. Where: a = address.
BUG5156	The DN type for that set is incorrect; it cannot be M2000 or 500/2500 type telephone sets. Procedure: WUK_DARK_OR_LIT or FFC_FIND_AWU_TN
BUG5157 loop ts n0 n1	Attempt to write to an invalid timeslot. Procedure Write_NWK. Output: Loop=superloop number, ts = timeslot, n0 = NWKdata0, n1 = NWKdata1
BUG5158	Corrupted data. The SDAC STATE in the CR is invalid when Single Digit Access to Services (SDAC) translation is not allowed.
BUG5159	The system has encountered an invalid RPNS counter. RPNS = Recall with Priority in Night Service
BUG5160	Software error. The L1 signaling cannot change to Level 2 signaling when the current signaling level is other than level 1.
BUG5161	Software error. The son Call Register used for L1 signaling cannot be found, or the son Call Register is not allocated.
BUG5162	The L1/ISDN Gateway ROSE-type Call Register cannot be found. The L1/ISDN Gateway information has been lost. Ringtone cannot be applied to the destination.
BUG5163	The L1/ISDN Gateway ROSE-type Call Register cannot be linked to the PRA message Call Register. The L1/ISDN Gateway information is not sent. Ringtone cannot be applied to the destination.
BUG5164	The L1/ISDN gateway has failed during a call because of an L1 signaling failure. The L1/ISDN Gateway call fails.

BUG5165	The MFC level is not a valid L1 MFC signal level.
BUG5166	The L1 MFC input received is not a valid signal supported at this level.
BUG5167	There is no supported SS function found in the SS table.
BUG5168	Cannot find a DN or TN. No CNI information has been assigned in the Trunk data
BUG5169	That is an invalid response to the SS digit received.
BUG5170	No supplementary service function found.
BUG5171	That is an invalid response to the CNI digit.
BUG5172	That is an invalid response to the SS function.
BUG5173	That is an invalid response to the level 3 backward signal.
BUG5174	That is an invalid response to the level 3 forward signal.
BUG5175	TCAP Call Register not in 2 second queue. Procedure adp_free_sent, resrv_timer_to
BUG5176	TNTRANS has failed for RTSA (PD. update CW)
BUG5177	The Attendant TN is 0 (PD. update CW)
BUG5178	The ATTNDPTR = NIL (PD. update CW)
BUG5179	The SET_ROUTE_PTRS failed in the TIE_INC_INP procedure. A forced release is needed because you may have a stuck trunk. Action: Check the TN indicated in the CRPTR information for status.
BUG5180	Please wait while the Virtual Network Service (VNS) performs some call processing.
BUG5181	There was a nil pointer found during Virtual Network Service (VNS) call processing.
BUG5182	There is a PRA call reference mismatch affecting the VNS Index pointer. (Virtual Network Services), run an audit.
BUG5183	That task number is invalid for Virtual Network Services (VNS).
BUG5184	Virtual Network Service (VNS) trunk flag was set improperly, it has been cleared.
BUG5185	VNS D-channel pointers cannot be restored

BUG

BUG5186	No pointer to VNS timing block
BUG5187	Invalid information in VNS timing block
BUG5188	Route Data Block not available to start a VNS timer
BUG5189	Invalid VNS timer to start {timer}
BUG5190 X	An invalid request was passed to ISDN when the source was ISDN_TO. Where: X = decimal integer value Action: Please report this software occurrence to your Northern Telecom technical support personnel.
BUG5191	Not expected Default case statement executed (Scrps).
BUG5192	DN-PSA tree corrupted (Scrps).
BUG5193	Invalid Task passed to RPA module.
BUG5194	Invalid new RPA PM state. State is not changed.
BUG5195	Father CR (CRPTR) passed to RPA should not be NULL.
BUG5196	An RPA son CR was expected but not found.
BUG5197	Invalid timeout or change of On-/Off-Hook state is passed to RPA. Called from TRKS.
BUG5198	Pd. Idle AUXCR failed in pd. RPA idle RAN.
BUG5199	TN trans failed in procedure RPA idle RAN.
BUG5200	Pd. Idle AUXCR failed in procedure Give RAN.
BUG5201	CRPTR equal to nil when a value was expected during a radio paging call.
BUG5202	TN trans on Origin or on Paging TN failed during a radio paging call.
BUG5203	Setting system or customer pointers failed during a radio paging call.
BUG5204	Mode digit stored for an RPA call is not a number.
BUG5205	No digits found in the DN when an RPA DN trans done.
BUG5206	Wrong RPA PM found.
BUG5207	TN trans on TTR TN stored in CR failed.

BUG5208	Wrong task to pd. Get TTR Path.
BUG5209	No father CR found when SON_CR processed in queue. Action: Wait to receive a tone.
BUG5210	Setting ATTN pointers during an RPA call failed.
BUG5211	Digitload or Digitunload not correctly set during an RPA call.
BUG5212	Wrong return value for RPA DN trans.
BUG5213	DN PSA tree corrupted.
BUG5214	Wrong state when outpulse of octothorpe on RPA trunk is terminated.
BUG5215	Invalid DN stored for RPA recall.
BUG5216	Invalid PM found during cancel recall.
BUG5217	Invalid TN found during cancel recall.
BUG5218	No Call Register available.
BUG5219	Cannot create a radio paging son.
BUG5220	Radio paging accessed with invalid origtype.
BUG5221	The radio paging father CR cannot be found.
BUG5222	Invalid AUXPM in the radio paging son when timeout in the meet-me queue occurred.
BUG5223	Customer pointers cannot be set.
BUG5224	The radio paging Father CR cannot be found.
BUG5225	Illegal origtype when trying to answer a radio paging call.
BUG5226	OrigTN in the radio paging father and son are not the same.
BUG5227	The radio paging father CR cannot be found.
BUG5228	When trying to abandon a radio paging call, neither the father nor the son CR could be found.
BUG5229	The radio paging father CR cannot be found.

BUG

BUG5230	Wrong task for Call Transfer to radio paging system.
BUG5231	No SON CR when Set RPA Item is called.
BUG5232	TER TN of CRPTR is expected to be RPA trunk and is not.
BUG5233	The paging party is not a set or trunk.
BUG5234	No orig TN in Father CR.
BUG5241 x	An invalid request value was passed to INTL_PRA_UTILITY. Where: x = decimal integer request value. Action: Please report this software occurrence to your Northern Telecom technical support personnel.
BUG5242	We are unable to obtain the Unprotected data store required for the Ringing Change feature.
BUG5243	The SECL indication between the SRC and DEST is incoherent.
BUG5244D tnS	Cannot use the B-channel or the ISL trunk, because the STATEPM of the trunk is not idle. The B-channel or ISL trunk is put in a maintenance busy state. Please manually restart the given B-channel for the ISL trunk. D = D-channel number involved. Tn= Terminal Number associated S = State Parameter
BUG5246	WARNING: Data corruption! A bad DTR data block has been identified in an initialization. The internal TN is shown as a hex code, so the return address stack is not output. Action: Please notify your Northern Telecom representative of this data corruption.
BUG5247	The TIME_SYNCH procedure has been invoked by an invalid parameter.
BUG5248 PACKED TN xx	The B-channel entered is not in an appropriate state for Overlap Sending. This B-channel should not be entering this procedure: PRA_OUTPULSING. Action: Please contact your technical support
BUG5249 CR INFO	The SEARCH_ROUTE has determined that this call should revert back to Enbloc Dialing. Either Overlap Sending was initiated by a software error, or the SEARCH_ROUTE is returning the wrong value.

BUG5250	If pbx_unit is passed into bcs lamp, setssdpnr will return an incorrect ptr and cause data corruption.
BUG5251	If pbx_unit is passed into set-lamp state, setssdpnr will return an incorrect ptr and cause data corruption.
BUG5252	That parameter for the TIME_SYNCH procedure is invalid.
BUG5253 A D O T	The active Call Register is nil. No DNP message is sent to the Meridian Mail server, and no call modification information is transmitted. A = xxxx, operation code for TCAP protocol D = xxx, parameter data for TCAP protocol O = xxxxxxxx, Originating digits T = xxxxxxxx, Terminating digits
BUG5254	Unable to set up customer pointers. Hospitality procedure.
BUG5255	TNTRANS failed. Hospitality and Disconnect procedures.
BUG5256 tn1 tn2 dn	Link from set to tree is corrupted. The PPM trunk is disconnected. Where : tn = TN of set; tn2 =TN of PPM trunk; dn = DID-DN of set.
BUG5257 tn dn	Link from set to tree is corrupted. Data: tn = TN of set, dn = DID-DN of set.
BUG5258	CRPTR was found NIL. Hospitality procedure.
BUG5259	A command has been received from the PMS to check-out a patient. The patient status was InRoom. The data for the phone cannot be found for use by another patient.
BUG5260	Conference pointer is NIL. Procedures HSP_CHECK_RAN HSP_CONF_FLAG of RAN
BUG5261	No RAN trunk could be found in a Hospitality RAN conference. HSP_CHECK_RAN of Hospitality.
BUG5262	Hospitality RAN CR could not be removed from list of sons. HSP_IDLE_SON of Hospitality and RAN.
BUG5263	Attempt to use HIDN flexible feature code, but the package is not equipped. FFC_DO_HIDN procedure.
BUG5264	Illegal case executed in a CASE statement. FFC_DO_HIDN procedure.

BUG

BUG5265	Attempt to use HREL flexible feature code, but the package is not equipped. FFC_DO_HREL procedure.
BUG5266	Illegal case executed in a CASE statement. FFC_DO_HREL procedure.
BUG5267	Invalid DID number. HSP_GETLEAF_PTR of Hospitality.
BUG5268	Illegal case executed in a CASE statement. Hospitality procedure.
BUG5269	Attempt to charge a PPM call to an idle room. The PPM trunk is disconnected. HSP_RCVD_COUNT of Hospitality.
BUG5270	Son Call Register could not be retrieved. Hospitality procedure.
BUG5271	Unable to set up route pointers
BUG5272	An invalid command type has been passed to the global procedure glob_handler.
BUG5273	Procedure RMS_CHG_STAT. When finding the Maid ID number, there was an invalid room status operation.
BUG5274	The number of requests for a global is found to be less than zero. It is reset to zero.
BUG5275	The pointer to the WORKAREA in global procedure glob_handler is NIL.
BUG5276	Unexpected value for slot map. Checks the decoding of slot map.
BUG5277	Procedure MAID_ID_START. Should only be called for an RMK key operation or Dial Access.
BUG5279	Trying to display an invalid room status. Valid room status numbers are (0) - 7.
BUG5280	Invalid request for NCT_HANDLER.
BUG5281	ROSE error for Network Call Trace.
BUG5282	Call is blocked at the originating node, but the NCT Locator has no value assigned.
BUG5283	Call is blocked at the tandem node, but the NCT Locator has no value assigned.
BUG5290	Unexpected Mainpm or Auxpm while processing address acknowledge signal for incoming Japanese DID trunk call. The dialed digits will not be acknowledged; the calling party should receive busy tone from the far-end equipment. • crptr.
BUG5291	Out of the ACD_SOURCE case.

BUG5292	In procedure DIAL_UPDATE, the cleaning status should have already been verified; the saved cleaning status value was somehow overwritten or was never initialized.
BUG5293	Call is not in the CCR queue.
BUG5295	TNTRANS failed in procedure give_default.
BUG5296	CCR call is not in the CDN queue.
BUG5298	Call to be removed from CDN is not a main Call Register (ICP_remove).
BUG5299	Terminating set is not a BCS or PBX set. Cannot set_pos_ptr in ICP module.
BUG5300	Terminating set is not an ACD set. Cannot set_pos_ptr in the CCR module.
BUG5301	In global procedure idctrans of cpndqry, current tree_digit_code of nfcridc block indicates an idc_ptr, but this pointer is nil. Data may be corrupted.
BUG5302	In global procedure idctrans of cpndqry, current tree_digit_code of nfcridc block indicates an idc_leaf_ptr, but this pointer is nil. Data may be corrupted.
BUG5306	The trunk is already in the timing queue. No Real Time PPM timing can be started on it.
BUG5307	The trunk to be idled is still flagged as timed for Real Time PPM feature.
BUG5308	The trunk state is not valid if this time out is due to Real Time PPM (trunkpm may
BUG5309	Invalid source value passed to procedure. Where: aaaa = SOURCE Format: BUG xxxx Return Address Stack BUG xxxx aaaa bbbb cccc dddd eeee ffff Where: aaaa - data parameter specific to each message bbbb - the current value of CL_CURRENT_CARD cccc - the current CL_L3- STATE dddd - the current CL_L2-STATE eeee - the current CL_XI_RX-STATE ffff - the current CL_XI_TX-STATE

BUG

BUG5310	Invalid CL_L3_STATE in cardlan. Where: aaaa = Do not care. Action: For 'Format' see BUG5309.
BUG5311	Invalid CL_L2_STATE.in cardlan. Where: aaaa = Do not care. Action: For 'Format' see BUG5309.
BUG5312	Received a single type message when Layer 3 was not idle. Where: aaaa = message received. Action: For 'Format' see BUG5309.
BUG5313	Cardlan received an invalid message. Where: aaaa = message. Action: For 'Format' see BUG5309.
BUG5314	Cardlan procedure CL_L2_SEND failed to send an outgoing message. Where: aaaa = Do not care. Action: For 'Format' see BUG5309.
BUG5315	Invalid loop type on output SSD message. Loop must be a superloop.
BUG5316	Cardlan Layer 3 requested to send RTS message but layer 2 was in the incorrect state. Where: aaaa = Do not care. Action: For 'Format' see BUG5309.
BUG5317	Invalid cardlan CL_L3_AUXSTATE. Where: aaaa = CL_L3_AUXSTATE. Action: For 'Format' see BUG5309.
BUG5318	Invalid CL_XI_RX_STATE. Where: aaaa = CL_XI_RX_STATE. Action: For 'Format' see BUG5309.
BUG5319	Invalid message in cardlan XIM conversion. Where: aaaa = CL_XI_MSGTYPE. Action: For 'Format' see BUG5309.
BUG5320	XI message out of sequence in cardlan. Where: aaaa = XI_SEQ_STATE of the message. Action: For 'Format' see BUG5309.
BUG5321	Attempt to send a cardlan message while polling was enabled. Message ignored.Where: aaaa = Don't care. Action: For 'Format' see BUG5309.

BUG5322	Invalid IVD channel number was detected in an input message. Message ignored.
BUG5323	Input message received from a disabled channel.
BUG5324	Input IVD message is discarded.
BUG5325	Output SSD message is discarded.
BUG5326	Invalid CL_CURRENT_CARD was detected in cardlan. Problem has been avoided. Where: aaaa = CL_CURRENT_CARD. Action: For 'Format' see BUG5309.
BUG5327	Invalid cardlan message type detected. Use RAS to determine which procedure had the problem. Where: aaaa = message type. Action: For 'Format' see BUG5309.
BUG5329	An invalid message received from the DDCS (PRI2 used for DPNSS) for DPNSS alarms.
BUG5330	Software problem — the system thinks that another DDSL is being enabled or disabled. Check the status of all DDSLs and verify the desired states.
BUG5331	Invalid case for setting DTI2 pads. This case should only be used for DPNSS/DASS in the PRI2 module.
BUG5332	Set DCH pointers failed for DPNSS code.
BUG5333	Problem enabling or disabling the DDSL/DDCS. The config_loop was not of the correct type.
BUG5334	An enable/disable was attempted when the no_lampaudit flag was set. The command failed. Action: Before repeating the command, use command DLMP 0 (LD 77).
BUG5335	SET_U_CSL_PTR failed. Global Procedure.
BUG5336	Bad entry to the global procedure ICP.
BUG5337	Invalid message is sent to the CCR application.
BUG5338	SET_CDN_PTRS failed. Procedure CCR or ADS
BUG5339	MAIMPM of the incoming CCR call should be DIALING before it gets queued to the CDN or default ACD DN.

BUG

BUG5340	Invalid function code entry to the procedure CCR_STATS.
BUG5341	The CCR message cr received from CSAI is nil.
BUG5342	The unit type of the originating set of a CCR call is TTR_UNIT or unknown, this is an error condition.
BUG5343	The CCR son cr is nil, but the call was answered at this son process.
BUG5344	DPNSS_SUPP_SERV was called with an invalid Source parameter.
BUG5345	ITEMPTR was unexpectedly NIL in DPNSS_SUPP_SER.
BUG5346	An invalid supplementary service state was encountered in DPNSS_SUPP_SERV.
BUG5347	RGA_CR_NOW_CRPTR failed to restore the RGA Call Register in DPNSS_SUPP_SERV.
BUG5348	The Call Register was corrupted when channel was seized for a Call Back When Free (BCWF) call.
BUG5349	TNTRANS failed on the ORIGTN in DPNSS_SUPP_SERV.
BUG5350	An attempt to set up the DPNSS channel pointer in CBWF failed.
BUG5351	PABX_FUNCTION was incorrectly set for DPNSS CBWF.
BUG5352	A syntax error was found in a DPNSS message which DIO failed to detect.
BUG5353	The state of a dialed item could not be determined by STATE_OF_TER.
BUG5354	SET_ROUTE_PTRS failed for a DPNSS channel in DPNSS_SUPP_SERV.
BUG5355	SETCUSTPTRS failed for a DPNSS channel in DPNSS_SUPP_SERV.
BUG5356	CREATE_SON failed to kink the DPNSS and RGA Call Registers.
BUG5357	CRPTR was unexpectedly NIL in DPNSS_SUPP_SERV.
BUG5358	The called party was not rung by DIGPROC even though it was free when attempting to complete a CBWF.
BUG5359	An auxiliary Call Register could not be idled.
BUG5360	A son register cannot be transferred.

BUG5361	The RGAT son Call Register has disappeared in DPNSS_SUPP_SERV.
BUG5362	An invalid RGA_AUXPM was encountered in DPNSS_SUPP_SERV.
BUG5363	DIGPROC was asked to find a DPNSS channel but found something else instead.
BUG5364	Saved CSL_MSG_PTR is NIL (for CCR response messages).
BUG5365	Invalid MSG_TYPE form MSL-1 CCR application.
BUG5369	DTI system data block does not exist. Possible data corruption.
BUG5370	The header table pointer to DTI/PRI pad category table does not exist. Possible data corruption.
BUG5371	The 1.5 Mb/s DTI/PRI pad category table does not exist. Possible data corruption.
BUG5372	Buffer to the PARI (QPC720) hardware has overflowed.
BUG5373	No conference circuits are available.
BUG5374	Previous fifo transaction not complete. Programming will continue
BUG5375	Invalid CAM_ID.
BUG5376	Conference circuit cannot be removed.
BUG5377	Active party not found in speaker array.
BUG5378	Invalid bo3 number.
BUG5379	Invalid R72 tsic channel.
BUG5380	Invalid BO3 number.
BUG5381	Invalid control memory timeslot address.
BUG5382	Invalid IVD channel, should be 0-640.
BUG5384	CardLAN buffer overflow has been avoided.
BUG5385	The line interrupt remained active while no input messages were pending. The probable cause is a stuck interrupt.
BUG5386	System failed to acquire an output signaling buffer

BUG

BUG5387	Invalid XS_POLL_PM occurred in Sseries firmware.
BUG5388	Invalid 64180 local processor interrupt occurred.
BUG5389	Transmit underflow occurred on A31 device during a polling operation. The message was repolled. The probable cause of continuous occurrences of this message in a 24 hour period is either a defective is either a defective CPU or defective expansion cartridge or daughter board.
BUG5390	Transmit underflow occurred on A31 device during output signaling. The message was reoutput. The probable cause of continuous occurrences of this message in a 24 hour period is either a defective CPU or a defective expansion cartridge or daughter board.
BUG5391	An attempt to send a response message in cardlan occurred while the Rx buffer was empty. Action: Refer to BUG5309
BUG5392	An expedited data unit (XDU) was received by the MSDL/MISP handler. It was an interface XDU, that is, the intended recipient of the message was the MSDL/ MISP handler itself. One of the following three fields held an invalid value: 1. In a Shared RAM suspend message, the field specifying which ring of buffers (transmit, receive or both) is to be suspended was invalid. 2. The command type itself was invalid. 3. In a Transmit Flow Control Synchronization response message, the Socket ID was invalid.
BUG5393	A message was received (either DU or XDU) that held an invalid Socket ID.
BUG5394 x	An application attempted to release a Socket ID that was invalid (out-of-range). x = the invalid Socket ID value in hexadecimal.
BUG5395	Invalid application ID encountered when attempting to remove all applications for an MSDL/MISP card from the PSDL tree.
BUG5396	The MSDL/MISP failed self tests, and the CSTAT value does not contain the value H.DEAD.
BUG5397	The code for executing the MSDL commands in overlays 37, 42, 48 and 96 received a failure return code from SET_MSDDL_MISP_PTR. Action: Check for MSDL database corruption.

BUG5398	One of the MSDL overlays is waiting for a message from the MSDL, and then all of a sudden the response pending field is clear. The response pending field indicates that some software entity is waiting for a message from the MSDL/MISP.
BUG5399	The MSDL audit has detected that the device enabled bit in the physical IO data block is clear when the MSDL card status is Enabled. This means that the Meridian 1 is not checking the card for interrupts.
BUG5400	Failed to disable the card; this should have unconditionally succeeded. Card is now in the System Disabled - Not Responding state.
BUG5401	The memory location in the Meridian 1 where the status of the MSDL/MISP is kept holds an invalid value.
BUG5402 x y	The CSUBSTAT field on the MSDL/MISP contained invalid data. x = The MSDL/MISP card number (in decimal). y = The value that was invalid. When the card in question is an MSDL, one possible reason for this bug message is that there are multiple cards in the system with the same device number as the MSDL. Therefore when the read is performed to the register on the MSDL, it may not be the MSDL card that is responding. (This will not be the case for the MISP, as the device address is determined by its position in the network shelf.)
BUG5403 l s c u	Data corruption occurred while trying to outpulse the Hi-mail (FAXS) command sequence to a fax server. Procedure FAXS_DO_CMD.
BUG5404	The AINS package is not equipped, call to procedure TRK_INS_HANDLER is ignored.
BUG5405	Procedure TRK_INS_HANDLER has been called with an invalid Source parameter.
BUG5406	The Call Register contains an invalid TRK_INS_PM.
BUG5407	The string in the CPND array is over 24 characters, the request to display this string is ignored.
BUG5408	Procedure INSTALL_CARD has been called with an invalid SOURCE parameter.
BUG5409	Cannot reserve a work area to install all the XDTR units.

BUG5410	There is no timeslot information in the Call Register to set up or take down the Automatic Wake-up call. Procedure SETSPEECH_MGRP. Output: return address stack, followed by a second BUG5410 with U_G_LOOP of the AWU RAN and the set, the TALKSLOT_WORK and TALKJUNC_WORD of the CR, TN of the AWU RAN and TN of the RAN set.
BUG5411	Uninitialized DESTPTR in procedure OFHLLAMPWINK, not service affecting.
BUG5413	The Meridian Mail package option value is ≤ 0 .
BUG5414	T309 only link DCH_AUX_BLK_PTR of the primary DCH to the timing queue.
BUG5415	An invalid card number was stored in the XS_IVD_STATUS block.
BUG5419	Conferee count decrement below zero. This is an invalid condition, it will be reset to zero.
BUG5420	There is no unprotected TN block pointer for TNx; or a path is trying to be set up when there is no unprotected TN block pointer for TNy. Procedure SETONEWAY_AWU. Output: return address stack, followed by a second BUG5420 with the GLOOPX and U_G_LOOP for TNy.
BUG5421	The junctor reservation status bits 6 and 7 have an incorrect state of H.10. Procedure AWU_GET_JUNCTOR. Output: return address stack, followed by a second BUG5421 with the TN of the AWU RAN and set, the group the set is in, and the contents of the AWU_RESV_JUNC (set's group) for the AWU RAN.
BUG5422	Used for debugging. Prints out the contents of the AWU RAN's unprotected route data block. Output: return address stack, followed by a second BUG5422 with the AWU RAN TN, "J", the group number and the corresponding contents of that group's AWU_RESV_JUNC(group):RAN_JUNCBLK_PRT.
BUG5423	Cannot get a print register to output Enhanced Call Trace report.
BUG5424	No alerter defined for Enhanced Call Trace so it cannot be rung. Action: Define alerter by prompt CTAL in LD 56.
BUG5425	No background terminal defined and LD 15 CTBG option is set to Yes. The EMCT reports cannot be printed. Action: Define a background terminal or change the CTBG option.
BUG5427	Overflow of charge calculation in Enhanced Charge Display, result is more than 2 words.
BUG5428	Unable to restore route ptrs after Enhanced Charge Display process.

BUG5429	Could not get a CR for timing purposed with Enhanced Charge Display.
BUG5430	PPOINTER to TN line should be nil for the current task of Enhanced Charge Display.
BUG5431	TNTRANS failed on the TN of set or SECTN of Attn for Enhanced Charge Display of charge information.
BUG5433	The loop type is out-of-range or not supported.
BUG5434	CRPTR=NIL in procedure RAN_PROBLEM. Cannot proceed with removing CRs from faulty AWU RAN.
BUG5437	SCTNTRANS failed. A bad TN was found for a DIG member.
BUG5438	The number of Digital Subscriber Loops (DSLs) configured has reached the limit.
BUG5439	The number of Logical Terminal IDs (LTIDs) configured has reached the limit.
BUG5440	Invalid feature type passed in procedure BRI_INTERACT. Check the calling procedure. Assumed no interaction with BRI, BRI_INTERACT returned false.
BUG5441	Failed to establish the D channel nailed up connections.
BUG5442	Unable to send messages to the BRI line card.
BUG5443	Invalid source to BRICP module.
BUG5444	BRI call processing message timeout in the wrong state.
BUG5445	BRI B-channel specified by the MISP is used by other call and cannot be released.
BUG5446	Information element is missing in incoming BRI call processing message.
BUG5447	Information element is invalid in the incoming BRI call processing message.
BUG5448	BRI call processing packet message length is invalid.
BUG5449	BRI Message Handler failed to send a message.
BUG5450	Invalid mainpm after digit translation, BRI call is cleared.
BUG5451	Cannot tntrans on the specified DSL TN.
BUG5452	Unable to obtain a new call reference.

BUG

BUG5453	BRI call cannot be connected because of incompatibility of the B-channel with the
BUG5454	Message CR cannot be found for incoming PRI call destined for a BRI terminal.
BUG5455	Unable to hold BRI call, crptr is nil.
BUG5456	Unable to retrieve BRI call, crptr is nil.
BUG5457	Problem encountered in releasing the call.
BUG5458	Invalid source to the BRI_INTERACT procedure.
BUG5459	Invalid source to bri_maint module.
BUG5460	Undefined source to bri_maint module for MISP.
BUG5461	Undefined source to bri_maint module for Line card.
BUG5462	Card type expected is BRI line card.
BUG5463	Protected card pointer is nil.
BUG5464	Non-key function data ptr is nil for DSL data.
BUG5465	TNTRANS failed for DSL.
BUG5466	MISP protected loop pointer is nil.
BUG5467	MISP unprotected loop pointer is nil.
BUG5468	Cannot set up MSDI/MISP pointers.
BUG5469	Timeslot assignment controller data failed to be downloaded.
BUG5470	HDLC data failed to be downloaded.
BUG5471	Illegal CSL_SOURCE for the case statement. Output: AML: {aml number in decimal} and S: {csl_source in HEX}
BUG5472	Corruption. The card type is not of type ESDI_CARD. As a result the outgoing ESDI operation has failed. Output: AML: {aml number in decimal} and C: {io_card_type in HEX}
BUG5473	The address of status register of ESDI card is illegal. As a result the outgoing ESDI operation has failed. Output: AML: {aml number in decimal} and R: {statregadd in HEX}

BUG5474	Corruption. The card type is not of type ESDI_CARD. As a result the incoming ESDI operation has failed. Output: AML: {aml number in decimal} and C: {io_card_type in HEX}
BUG5475	The address of status register of ESDI card is illegal. As a result the incoming ESDI operation has failed. Output: AML: {aml number in decimal} and R: {statregadd in HEX}
BUG5476	The Priority 5 message type is no longer supported. Output: AML: {aml number in decimal} and P: {msg_priority in HEX}
BUG5477	The outgoing ESDI Command is not executed, since the IO card type is not the ESDI_CARD. Output: AML: {aml number in decimal} and C: {csldata in HEX}
BUG5478	Illegal case statement for identifier SOURCE in procedure CSL_UTILITIES. Output: S: {source in HEX}
BUG5479	Corruption of TRANS_DATA_WORD and REC_DATA_WORD. These two words are no longer used, and should never be set by any one in SL-1 software. Output: {trans_data_word in HEX} {rec_data_word in HEX}
BUG5483	The input buffer pointer send from msdlmisp_handler handler is nil. Output: I: {msdl_index in HEX}
BUG5484	Corrupt MSDL card index. Output: I: {msdl_index in HEX}
BUG5485	The pointer (I_CSL_PNTR) pointing to the AML input buffer is nil. This pointer must be set to point to the input buffer selected by the msdlmisp_handler. Output: AML: {aml number in decimal}
BUG5486	Unsupported incoming MSDL AML (indication, confirmation) primitive. Output: AML: {aml number in decimal} and PRM: {aml_prmi_id in HEX}
BUG5487	The SET_MSDLMISP_PTR failed to set the required pointers to the MSDL data structures. Output: AML: {aml number in decimal} and INX: {msmi_index_num in HEX}
BUG5488	Unknown outgoing MSDL AML primitive. Output: AML: {aml number in decimal} and PRI: {o_req in HEX}
BUG5489	Illegal application type only: (PRA_LOG_APPLI, CSL_LOG_APPLI, SDI_LOG_APPLI) are allowed. Output: {application type in HEX}

{logical application number in HEX}
{ioptr pointer in HEX}
{p_csl_pntr in HEX}
{u_csl_pntr in HEX}
{phy_csl_pntr in HEX}
{i_csl_pntr in HEX}}"
{o_csl_pntr in HEX}
{csl_cr_pntr in HEX}

BUG5490 The value of pointer LOG_IO_PTR is nil.

Output:

{application type in HEX}
{logical application number in HEX}
{ioptr pointer in HEX}
{p_csl_pntr in HEX}
{u_csl_pntr in HEX}
{phy_csl_pntr in HEX}
{i_csl_pntr in HEX}
{o_csl_pntr in HEX}
{csl_cr_pntr in HEX}

BUG5491 Did not complete the command check.

Output:

{aml number in HEX}
S: {aml active state in HEX}
T: {aml target state in HEX}

BUG5492 Did not choose a mode. Expected modes are: delay or go-ahead.

Output:

{aml number in HEX} ;
S: {aml active state in HEX} ;
N: {aml new target state in HEX}

BUG5493	No outgoing command (i.e., request) which causes a state change is allowed, when the link is in a wait state or audit state or download state. Output: {aml number in HEX} ; S: {aml active state in HEX} ; N: {aml new target state in HEX}
BUG5494	A non-existing outgoing request primitive is selected. Output: {aml number in HEX} ; S: {aml active state in HEX} ; T: {aml target state in HEX}
BUG5495	A non existing incoming primitive is received. Output: {aml number in HEX} ; S: {aml active state in HEX} ; P: {incoming primitive ID in HEX}
BUG5496	Unknown MSDL AML firmware state. Output: {aml number in HEX} ; S: {aml loadware state in HEX}
BUG5497	Unknown MSDL AML AUDIT request reason. Output: {aml number in HEX} ; R: {MSDL aml audit request reason in HEX}
BUG5498	No state change occurs, because the MSDL AML primitive is not known. This is a software bug and should not occur. Output: {aml number in HEX} ; S: {aml active state in HEX} ;

P: {primitive ID in HEX}

BUG5499 The MSDL AML primitive is not allowed to be printed.

Output:

{aml number in HEX} ;

P: {primitive ID in HEX}

BUG5500 The value of pointer LOG_IO_TBL_PTR[APPL_TYPE] is nil.

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5501 The value of pointer P_DCH_BLK_PTR[log_num] is nil.

Output:

{application type in Hex}

{logical application number in Hex}

{ioptr pointer in Hex}

{p_csl_pntr in Hex}

{u_csl_pntr in Hex}

{phy_csl_pntr in Hex}

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5502 The required global pointers for the ISDN PRI application cannot be set by procedure SET_IO_PTRS.

Output:

{application type in Hex}
{logical application number in Hex}
{ioptr pointer in Hex}
{p_csl_pntr in Hex}
{u_csl_pntr in Hex}
{phy_csl_pntr in Hex}
{i_csl_pntr in Hex}
{o_csl_pntr in Hex}
{csl_cr_pntr in Hex}

BUG5503 The value of pointer P_CSL_BLK_PTR[log_num] is nil.

Output:

{application type in Hex}
{logical application number in Hex}
{ioptr pointer in Hex}
{p_csl_pntr in Hex}
{u_csl_pntr in Hex}
{phy_csl_pntr in Hex}
{i_csl_pntr in Hex}
{o_csl_pntr in Hex}
{csl_cr_pntr in Hex}

BUG5504 The required global pointers for the AML application cannot be set by procedure SET_IO_PTRS

Output:

{application type in Hex}
{logical application number in Hex}
{ioptr pointer in Hex}
{p_csl_pntr in Hex}
{u_csl_pntr in Hex}
{phy_csl_pntr in Hex}

BUG

{i_csl_pntr in Hex}

{o_csl_pntr in Hex}

{csl_cr_pntr in Hex}

BUG5505 Procedure AML_TO_PDATA should never be called if pointer PC_AML_PTR is nil.

BUG5506 Illegal case number in procedure NEXT_AML_PM.

BUG5507 Illegal case number in procedure DO_AML_UNIT.

BUG5508 Illegal case number in procedure DO_SDI_UNIT.

BUG5509 Procedure SDI_TO_PDATA should never be called if pointer PC_SDI_PTR is nil.

BUG5510 Illegal case number in procedure NEXT_SDI_PM.

BUG5511 Cannot allocate MSDL data structures.

BUG5512 Unable to allocate socket id's for the logical application configured on the MSDL card.

BUG5513 Serious problem in rebuilding the I/O table, will cause data corruption and requires a system reload.

BUG5514 Set MSDL pointers failed.

BUG5515 RLR route is not supported for CDR; this configuration should have been blocked.

BUG5516 The number of logical D channels configured in the system has reached the system limit allowed for D channels.

BUG5517 The number of logical AML's configured in the system has reached the system limit allowed for AML's.

BUG5518 {DCH NUMBER} {REASON CODE} Background audit cannot be done for the DCH because of bad DCH data structures. The following reason codes have been defined:

1. Bad card type defined for DCH.
2. Set MSDL pointers failed.
3. Set MSDL pointers failed while trying to suspend DCH recovery until midnight.

BUG5519 An invalid procedure call has been made to the MSDL DCH interface.

BUG5520	Set DCH pointers fail during a DCH loadware download task on the MSDL card.
BUG5521	Set MSDL pointers fail during a DCH loadware download task on the MSDL card.
BUG5522	Invalid return code from msdlmisp_maint for a DCH enable application request.
BUG5523	The MSDL Handler says that the DCH loadware is not resident on the MSDL card. It should have been downloaded.
BUG5524	Response to the enable application message from the MSDL was an unrecognized (i.e., invalid) value.
BUG5525	The DCH port on the MSDL card was found to be enabled while the MSDL card was not in a operational state.
BUG5526	AWU module, procedure BLOCKED. Could not find the set with CLS CCSA to update the Wake Up call information. Wake up information is not updated.
BUG5527	TNTRANS failed for the set with the wake up call, TERTN:CRPTR. Wake up information is not updated. Procedure AWU_DISCONNECT.
BUG5528	ICP_MCR is NIL in procedure CCR_RESTORE2QS.
BUG5529	There is no Call Register to restore in procedure CCR_RESTORE2QS.
BUG5530	Cannot TNTRANS on Save terminal. Procedure DISC_WORK.
BUG5531	Cannot TNTRANS on Terminal. Procedure DISC_WORK.
BUG5532 data	When outing a TN block, a TN block of an invalid unit type was encountered. The entry is removed from the relocation table but the storage for the block is not freed. Protected data store is unnecessarily occupied and cannot be re-accessed Output data: TN xxxxxx TN PTR: yyyyyy UNIT TYPE: z Where: xxxxxx = hex value of TN being relocated yyyyyy = hex value of TN pointer (pointer to TN block) z = hex value for the unit type
BUG5536	The MSDL says that the SDI application is not resident on the card. It should have been downloaded.
BUG5537	Response to the enable application msg from the MSDL was an unrecognized (i.e.invalid) value.

BUG

BUG5538	A problem encountered when trying to setup MSDL pointers.
BUG5539	The SDI I/F Handler received an invalid primitive type.
BUG5540	The SDI I/F Handler was called with an uninitialized incoming message pointer.
BUG5541	The global procedure MSDL_SDI_HANDLER was called with an invalid source type.
BUG5542	The global procedure MSDL_SDI_MAINT was called with an invalid source type.
BUG5543	The global procedure MSDL_SDI_UTILITY % was called with an invalid source type.
BUG5544	The SDI state machine for the specified TTY port is in an invalid state.
BUG5545	The sub-state of the SDI state machine for the specified TTY port is in an invalid state.
BUG5546	The sdi pointer in the log_io_tbl is nil.
BUG5547	Cannot set sdi pointers in procedure set_io_ptr.
BUG5548	WKSD_ATTNO_NS_CR is not nil, but WKSD_ATTNO_NS_CR and CRPTR pointers are not equal. Proc. NFNS_CONT_STRT. Impact: NFNS timer is not activated. This call will not be disconnected after the {NFNS} customer predefined period.
BUG5552	Invalid RGAPM value in stop_or_retry. CRPTR is output.
BUG5553	Failed to set customer pointer in INIT_NCOS. CRPTR is output.
BUG5554	Failed to set ESN data block pointer in INIT_NCOS. CRPTR is output.
BUG5555	Failed to set route list pointer in INIT_NCOS. CRPTR is output.
BUG5556	Invalid operation value in Facility information element in SETUP message. D-channel number, Rose operation value and CRPTR is output.
BUG5557	Invalid operation value in Facility information element in Facility message. D-channel number, ROSE operation value and CRPTR is output.
BUG5558	Invalid operation value in Facility information element. D-channel number, Rose operation value and CRPTR is output.
BUG5559	Invalid return error component is received. D-channel number, Rose operation value and CRPTR is output.

BUG5560	Invalid reject component is received. D-channel number, Rose operation value and CRPTR is output.
BUG5561	Cannot offer RVQ call to originator because of TNTRANS failure. D-channel number, Rose operation value and CRPTR is output.
BUG5562	DTAD data corrupted (bad pointer/bad tone).
BUG5563 x y z	The MSDL handler received a transmit flow control counter synchronization response, and the socket ID received was invalid (out-of-range). Where: x = The name of the card y = The MSDL card number or the MISP loop number (in decimal) z = The value of the socket ID
BUG5564 x y z	The MSDL handler received a message indicating that it received a message with an unrecognized socket ID, and the unrecognized socket id value was invalid (out-of-range). Where: x The name of the card, y = The MSDL card number or the MISP loop number (in decimal) z = The value of the socket ID.
BUG5565 x y z	The MSDL handler received a message informing it to reset the flow control counters for a particular socket ID, and the socket id received was invalid (out-of-range). Where: x The name of the card, y = The MSDL card number or the MISP loop number (in decimal) z = The value of the socket ID.
BUG5566	The download state for the MSDL application is invalid. The following information is provided: 1. The name of the card, 2. The device number (MSDL) or loop number (MISP) 3. The application name 4. The hex value of the download state
BUG5567	An attempt to enable an application on the MSDL/MISP was made, however the application id passed in to the routine that does the enabling was invalid.

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BUG5568	The transmit expedited buffer was queued, waiting for a TEE interrupt from the card that never came. Given the current state of the card, no message should have been queued. The card name, the device number (loop number for MISP) and the first 5 words in the buffer are output.
BUG5569	Invalid return code from the resident maintenance software for the MSDL (Msdlmisp_maint). The return value is output, along with a 0 or 1, indicating which occurrence of this BUG was responsible for the message being printed.
BUG5570	The MSDL/MISP sent a message to the SL-1 indicating that it received a message with a format error. There are either three or four fields output with this message: 1. The MSDL card number or the MISP loop number, 2. The type of formatting error (value of 0: unknown or unexpected message, value of 1: invalid message length), 3. The message id of the "bad" message, and 4. If the formatting error type was message length, the length of the actual message.
BUG5573 x	Invalid ROSE component type received on D-channel x.
BUG5574 x y z	Invalid return result value in Facility message. The D-channel number x, ROSE
BUG5575 x y z	Invalid return result is received. The D-channel number x, ROSE return result y, and CRPTR z is output.
BUG5576	MISP's physical I/O block pointer is nil.
BUG5577	Unprotected BRI DSL pointer is nil.
BUG5578	Protected line block pointer is nil.
BUG5579	Unprotected line block pointer in nil.
BUG5583	That entry is out-of-range.
BUG5586	The state of the MSDL/MISP socket id was invalid. It was changed to the operational state. There are four fields output with this BUG: 1. The card name, 2. The MSDL card number or the MISP loop number, 3. The socket id in question, 4. The state of the socket id that is considered invalid.

BUG5587	The midnight recovery only bit was set for the MSDL or MISP in question, and it should not have been. Three fields are output with this BUG: 1. The card name, 2. The MSDL card number or the MISP loop number, 3. The application download fail count for the basecode.
BUG5588	Case statement out-of-range in procedure CCR_GIVE_IVR.
BUG5589	Number of data blocks in overlay exceeds maximum allowed for cache memory feature. (Only 5 max allowed). Action: See prologue for procedure HANDLE_DATABUG.
BUG5590	DTSL_USE_NT_HW is out-of-range.
BUG5591	The current value of DTSL_USE_NT_HW is valid but it is not consistent with the operation being done.
BUG5593	No DN was available for the message, so "0" will be sent as the DN. This may cause problems at the far-end and the call to be dropped.
BUG5594	TNTRANS failed on manual trunk termination. Procedure TEMPPATH.
BUG5595	Total amount of initialized overlay data exceeds the value of .DATASIZE.
BUG5596	SET_ROUTE_PTRS failed (DPNSS Three-Party Service). Output data: trunk TN for which pointers setting failed.
BUG5597	Setup of Attendant Pointers failed (DPNSS Three-Party Service)
BUG5600	The MSDL/MISP background audit detected that the memory location holding the MSDL/MISP status contains an invalid value. The audit will attempt to correct it. Two fields are output with this message: the card name and the MSDL card number or the MISP loop number.
BUG5601	The SL-1 received a maintenance message from the MSDL/MISP, and the message type was invalid. There are three fields output with this message: 1. The name of the card, 2. The MSDL card number or the MISP loop number, 3. The invalid message type (a. k. a. "command/status")

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BUG5602	Unrecognized maintenance data unit (message) transferred from the MSDL or MISP to the SL-1. The following information is output: The card name, the card number (MSDL) or loop number (MISP) and the first five words of the unrecognized message.
BUG5603	An expedited data unit (XDU) was received. The header of the XDU held invalid information (the XDU type field was invalid). There are three fields output with the error message: 1. The card name, 2. The MSDL card number or the MISP loop number (in decimal) 3. The value of the XDU type field.
BUG5604	When attempting to send a DU through the MSDL/MISP transmit ring, it was discovered that the K value for the socket id in question was less than the minimum allowed value. The value has been adjusted to the min value. There are four fields output with the error message: 1. The card name, 2. The MSDL card number or the MISP loop number (in decimal), 3. The socket id, and 4. The name of the application that owns the socket id in question.
BUG5605	When reading the application information block from the MSDL/MISP card, an invalid application ID was encountered. This implies that there may be corruption in the application information block. Three fields are output with this error message: 1. The card name, 2. The MSDL card number or the MISP loop number (in decimal) 3. The application ID that is considered to be invalid.
BUG5606	Failed to set io pointers.
BUG5608	DPNSS Route Optimization, SET_CUST_PTRS failed.
BUG5609	DPNSS Route Optimization, TNTRANS failed.
BUG5610	DPNSS Route Optimization, speechpath cannot be reserved. Route Optimization request is rejected.
BUG5611	DPNSS Route Optimization, PSTN to PSTN connection is forbidden.

BUG5612	DPNSS Route Optimization, CDR configuration is inconsistent between the old and the new route.
BUG5614	Invalid state-event combination. Output data: trktn source m911_inc_pm
BUG5615	Active Call Register of M911_ITEM is NIL. Output data is: trktn source m911_inc_pm
BUG5616	DIGPROC returned back to CO_MAY_CAMP with mainpm not set to busy or reorder indicating some failure in selection an outgoing channel for call offer.
BUG5617	Failed to clear all tests in procedure SET_ATTNPTRS for a DPNSS Call Offer Call
BUG5618	No error has occurred.
BUG5619	Procedure CO_STOP_CAMPON called when the service state was not SUPP_SERV_CO.
BUG5620	The pointer PC_AML_PTR is nil.
BUG5621	Cannot allocate PDS for the VAS data structures.
BUG5622	SETSPREEHPATH failed in a DPNSS1 Redirection related procedure.
BUG5623	An unexpected NIM or NAM message was received on a call involved in DPNSS1 redirection.
BUG5624	The TNs are scrambled in a DPNSS1 redirection call. ACTIVECR could not be set correctly.
BUG5625	The DPNSS1 redirection Call Register pointer is out-of-range.
BUG5626	Configuration of NAS alternatives is not good for DPNSS1 redirection. FLEN must be set to 0, and enough digits to route the call must be entered. The old call will be kept (no redirection performed).
BUG5627	Invalid source entry for DPNN_NTWK_SERV global.
BUG5629	An unexpected condition has occurred in that the mainpm was dialing and the TERTN is zero in the DPNSS Call Offer case.
BUG5630	SET_ROUTE_PTRS failed in DMS_NSF while building outgoing ISA NSF IE. SID value defaults to 0. FACY defaults to TIE.
BUG5632 x	Invalid class ID X = Hex

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BUG5633 x	Invalid object ID X = Hex
BUG5634 x	Invalid HI start request X = Hex
BUG5635 x y	Error occurred in init phase Y (decimal) of class X (name).
BUG5636 x	Invalid name of HI Main Database file X.
BUG5637 x	Failed to open HI Main Database file X.
BUG5638 x	Failed to get class X record from HI Main Database file.
BUG5639 x	Corrupted class X record in HI Main Database file.
BUG5640 x	Unknown class name X.
BUG5641 x	Unknown object name X.
BUG5642 x	Failure to allocate protected memory of size X.
BUG5643 x	Failure to allocate unprotected memory of size X.
BUG5644 x y	Object X is in invalid fault monitoring state Y.
BUG5645 x	Failed to deliver message to HI server. OS error X (Hex).
BUG5646 x	Failed to resume periodic server X.
BUG5647 x y	Invalid attribute Y of periodic server X.
BUG5648	Broken list of HI classes.
BUG5649 x	Invalid class ID X in the list of HI classes.
BUG5650 x	Broken list of class X objects.
BUG5651 x y	Invalid object ID X in the list of class Y objects.
BUG5656 x y	Assertion of condition failed in file X line Y.
BUG5662	SET_ROUTE_PTRS failed in procedure EQA_CALL_REST.Output: Customer, route, Call Register.
BUG5663 x	Object x returned ERROR when IPB row propagated Link operation.
BUG5664 x	Object x returned ERROR when IPB row propagated HWEnable operation.

BUG5665	CP database parse error.
BUG5666	IPB database parse error.
BUG5667	IPB monitor internal error.
BUG5668	Error returned from space manager function call.
BUG5669	Error returned from BIC lib.
BUG5670	Bad service route pointer for ISA route in procedure EQA_CALL_REST.
BUG5671	SETCUSTPTRS failed in procedure EQA_CALL_REST.Output: Call Register
BUG5673	Invalid type in case statement.
BUG5674	An invalid call is made to disable port 0 on the MSDL card. This message indicates that the SDI application is not configured on port 0.
BUG5680	Multiparty Operations (MPO) should have recovered this misoperation, MPO parameters are still set : MPO_MISOP_DN and MPO_RCV_CNL-TONE. Active call is disconnected.
BUG5681	Protocol or state problem in NAS environment. It is printed from various places in global procedure NAS_DECODE (module NAS) and in the global SACP_IEN.
BUG5682	IEN feature condition error. It is printed from various places in the global SACP_IEN, and from procedure SPECIAL_ORIGTO (module WORKSHED).
BUG5684	Illegal MSDL AML recovery state.
BUG5685	Set MSDL pointers failed. Task being formed was releasing of socket id's. Info: IO_DEVICE, IO_LOGNUM, CD_INDX (card index).
BUG5686	Set MSDL pointers failed. Task being formed was allocation of socket id's. Info: IO_DEVICE, IO_LOGNUM, CD_INDX (card index).
BUG5687	DTOB(.DTOB_UNQ_MSG,...) returned a NIL pointer. Pd. DASS_INPUT
BUG5688	DTS_EVENT is out-of-range. Pd. DASS_INPUT
BUG5689	CHECKDTSL failed. Pd. DASS_INPUT.
BUG5690	DTS_ERR_LUT was requested to output an error msg which is not defined.
BUG5691	Requested operation not defined. Pd DTOB.

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BUG5692	Passed parameter DTSL_IOBLK_PTR is nil. Pd. DTOB.
BUG5693	Procedure SEND_ISDN_MSG called with an invalid GW_FUNCTION parameter.
BUG5694	Procedure SEND_IDA_MSG called with an invalid GW_FUNCTION parameter.
BUG5695	Reception of a ROSE information different from ROSE Invoke of camp on activation in procedure IN_FACILITY_MSG. The call is cleared down.
BUG5696	Procedure COGW_SERVICE called with an invalid GW_FUNCTION parameter.
BUG5697	The DPN_TRY_CAMPON flag is false when it should be true in procedure EEM_CO_GW_W_RING.
BUG5698	TNTRANS on the orig TN has failed in procedure RECV_FAC.
BUG5699	TNTRANS on the ter TN has failed in procedure CLEAR_BOTH_SIDES.
BUG5700	A Call Register can't be obtained in procedure CLEAR_BOTH_SIDES.
BUG5701	TNTRANS on the orig TN has failed in procedure COGW_SERVICE.
BUG5702	Unexpected trunk type in procedure MAP_NASTERM_CLC.
BUG5703	TNTRANS on the orig or the ter TN has failed in procedure SEND_FAC.
BUG5704	The PRA Call Register pointer should not be NIL in procedure CLEAR_BOTH_SIDES.
BUG5705	The received CLC value in the NAM message is zero which is invalid in procedure MAP_CLC_NASTERM.
BUG5706	A problem has occurred in ISDN_UTILITY called in procedure MAP_NAM_ALERT.
BUG5707	Invalid SCSUBSTEPPM detected during DCH administration. The operation has now been aborted.
BUG5708	The protected DCH block pointer is nil when a copy of the DCH block is requested to the work area.
BUG5712	Procedure COMPLETE_TRK, MSG_CRPTR is nil. CR INFO, STATEPM: ULTRKPTR.
BUG5713	TRK_TIMING_PTR is nil when calling SET_TIMER2(TIME, PTR) in SET_OUTG_TIMER.

BUG5714	Unrecognized AUXPM, procedure DIAL_MAID_ID.
BUG5725	Message Call Registers out-of-range in procedure DL_DATA_CREF.
BUG5726	Invalid data during installation of the XTD units.
BUG5727	Nil B-Channel pointer
BUG5728	D-channel type can only be PRI or BRIT
BUG5729	TNTRANS on B-ch TN failed
BUG5730	Nil SS MsgCR
BUG5731	Nil MsgCR
BUG5732	A DSL D-channel cannot be VNS
BUG5733	Nil BRIT traffic pointer
BUG5734	TNTRANS on DSL TN failed
BUG5735	Procedure can only be invoked for PRI calls
BUG5736	Failure to set MISP pointers
BUG5737	Invalid parameters for procedure ISDN
BUG5738	D-channel type can only be PRI
BUG5739	D-channel type can only be BRIT
BUG5740	Only SL-1, 1TR6, Numerus are supported by BRIT
BUG5741	Passed ITEMPTTR is nil in BRIT_HANDLER
BUG5742	Passed DSL TN is invalid in BRIT_HANDLER
BUG5743	Invalid SOURCE parameter in BRIT_HANDLER
BUG5744	TNTRANS failed in GL_RLS_REFNUM
BUG5745	NO BCH STATE invalid in IBRIT
BUG5746	Database Error: remote node does not support the given capability
BUG5747	BRI Trunk application is not supported in release 19.

BUG

BUG5760	BRI Trunks not supported
BUG5761	Invalid DATA1 parameter in ISDN_TRK_UTLY (GET_DATA)
BUG5762	Nil ITEMPTR in ISDN_TRK_UTLY
BUG5763	Nil ptr in ISDN_TRK_UTLY. SET_IO_PTRS must be called first
BUG5764	Invalid source in ISDN_TRK_UTLY
BUG5765	Invalid ISDN_TYPE in ISDN_TRK_UTLY subprocedure GET_DCH_OR_DSL
BUG5766	Invalid D-channel number or DSL TN
BUG5771	SET_BRIT_PTRS: DSL must be B1, not B2
BUG5772	SET_BRIT_PTRS: UNITTYPE {} .TRK_UNIT
BUG5773	SET_BRIT_PTRS: Trunk must be BRIT_B_CH
BUG5774	SET_BRIT_PTRS: Nil DSL pointers from TNTRANS
BUG5775	SET_BRIT_PTRS: SET_ROUTE_PTRS failed
BUG5776	SET_BRIT_PTRS: TNTRANS failed for DSL
BUG5777	Illegal key type on key 0 used for OHAS forced out of service treatment.
BUG5778	Cannot reserve enough memory to install all the XTD units.
BUG5779	For SL-1 telephones: Emergency key thought to be on a key with no associated lamp. For other telephones: key number returned for emergency key is invalid.
BUG5780	Trying to load an overlay and the global procedure OVL_LINKER has been executed for a non-linked overlay. Code in global procedure OVL_LINKER needs to be modified to allow the overlay to run.
BUG5782	Failed to setup NARS_CR in INIT_NCOS. CRPTR is output.
BUG5783	In FIND_TTR, TRUNKFLAG should not be set when searching for an MF Receiver (MFR).
BUG5787	Pointers not set. {TERMINAL} Procedure USCR
BUG5788	Unit type not correct. {TERMINAL} Procedure USCR
BUG5789	USCR option wrong. {TERMINAL} Procedure USCR_STORE

BUG5791	Invalid lamp state for USR key programming. {TERMINAL} Procedure USR_KEY_PRESSED
BUG5792	Invalid USCR_PM. {TERMINAL} Procedure USCR_INPUT
BUG5796	The SSD message for MSDL SDI flow control is either lost or being idle in the queue for too long while characters are waiting in TTY buffer for output. A new SSD message for requesting an output data message is logged to reactivate the MSDL SDI data output process.
BUG5803	SDI port number out-of-range in procedure set_io_ptr.
BUG5808	Procedure CH_TN_CONVERT failed to convert a loop and channel number into a TN.
BUG5815	One of the following has taken place: 1. Invalid BRSC index number, 2. BRSC protected card pointer is nil, 3. BRSC unprotected card pointer is nil
BUG5816	BRSC TN read off the SRAM does not match any of the BRSC TNs assigned for the MISP card.
BUG5817	Unable to write to protected data storage. Protected pointer is NIL.
BUG5818	Protected MISP Loop pointer is NIL.
BUG5819	No more Local DNA Table entries available.
BUG5820	The MSDL/MISP message handler failed to send a message for unknown reasons.
BUG5832	Call ID free list head and/or tail pointers are invalid. Ability to manage Call IDs has been lost. Switch must be Initialized in order to allocate new Call IDs.
BUG5833	Call ID in CR does not match Call ID entry in internal Table. Internal Table entry cleared. The output data appears as follows. {Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN} {TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}
BUG5834	Out-of-range Call ID found in Call Register. Call ID in CR set to zero. The output data appears as follows:

{Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN}
{TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

BUG5835 Call ID in Call Register does not have associated pointer in Call ID Table. Call ID field in CR set to zero. The output data appears as follows:

{Call ID} {CUST} {CR} {MAIN & AUX PMs} {ORIGTYPE/TERTYPE} {ORIGTN}
{TERTN} {QUEUE_IN} {CR_DIALLED_DN} {DIGITLOAD} {DIGITS...}

BUG5836 No conference exists for Call ID value in conference block. Associated entry in internal Call ID Table is cleared. The output data appears as follows:
U_CONF_PTR} {Call ID} {Conf Group}

BUG5837 Expected Call ID not found in conference block. Internal Table entry cleared. The output data appears as follows: {U_CONF_PTR} {Call ID}

BUG5838 out-of-range Call ID associated with {Conf Group} found in conference block. Call ID field in conference block set to zero. The output data appears as follows:
{U_CONF_PTR} {Call ID} {Conf Group}

BUG5839 Call ID in conference block associated with {Conf Group} does not have associated pointer in Call ID Table. Call ID field in conference block set to zero. The output data appears as follows: {U_CONF_PTR} {Call ID} {Conf Group}

BUG5840 Call ID free list head and/or tail pointers are nil. This should only happen if all Call IDs are allocated, which is very unlikely. This may signal a problem with the Call ID Table.

BUG5841 The internal Call ID Table cannot handle the number of Call ID entries required. 32767 (hex 7fff) is the max. Call IDs will not be allocated.

BUG5857 Illegal case number for procedure DO_STA_UNIT.

BUG5858 Procedure STA_TO_PDATA should never be called when PC_STA_PTR is nil.

BUG5859 Illegal case number for procedure NEXT_STA_PM.

BUG5860 Procedure TRK_DIGIT_INSERT, the passed item is not a trunk. Data corruption was avoided.

BUG5861 TN passed should be a trunk. Procedure is called with wrong UNITTYPE.

BUG5862 TNTRANS on TERTN fails in procedure APPLY_CW.

BUG5868 In OAM SEER segment, unable to get print Call Register.

BUG5869 In OAM SEER segment, unable to unlink print Call Register.

BUG5870	In OAM SEER segment, invalid case statement.
BUG5871	In OAM SEER segment, corrupted seer table data.
BUG5872	In OAM SEER segment, maximum error code value reached.
BUG5873	Failed to update Multi-User conflict resolution resource list.
BUG5874 tn	The telephone being tested is not a digital telephone.
BUG5875	Feature Activation IE content error.
BUG5876	Conference disconnection failure. Infinite loop prevented. Conferee count printed with CR information.
BUG5877	The ter_item has been changed.
BUG5878	The unit is not a digital telephone in ACD_CF_TONE.
BUG5879	An invalid value is currently set for ITPP in LD 73.
BUG5880	End-to-End Signaling is out of Call Registers.
BUG5881	Non-key data should exist for OHAS is ASCA class of service is defined.
BUG5882	Call Register idled when SON CR with NACD process type still linked.
BUG5883	Attempt to write to protected memory.
BUG5884	An attempt to find an application index associated with a particular MSDL or MISP application failed. No attempt to get an index should be made before it is configured. No attempt to find an index for the MSDL or MISP Base Code should be made either: the Base Code has a pre-assigned index.
BUG5885	An attempt to allocate an instance of the application blocks failed. Either they have all been used up (32 applications already configured for this card, which is unlikely) or there is some kind of corruption such that all the blocks somehow seem to all be allocated.
BUG5887	The number of Meridian 1 Packet Handler Digital Subscriber Loops (DSLs) configured in the system has reached the limit.
BUG5888	Timeslot monitor turned ON. ENL:TSxxxx JWyyyy (timeslot being built) or IDL:TSxxxx JWyyyy (timeslot being cleared). Where: xxxx = timeslot word

yyyy = junctor word

- BUG5889 RPA not supported on MFK5/MFK6 signaling.
- BUG5898 RCFW son CR expected.
- BUG5900 Could not update Voice Mailbox data. Contact your technical support personnel.
- BUG5901 There is no template entry for Voice Mailbox data block pointer.
Action: Contact your technical support personnel.
- BUG5902 The Voice Mailbox data block is not configured. Remove and reconfigure the VMB application.
Action: Contact your technical support personnel.
- BUG5903 The customer DN tree does not exist.
Action: Contact your technical support personnel.
- BUG5904 There is a bad case value received in the case statement in Voice Mailbox Administration module.
Action: Contact your technical support personnel.
- BUG5905 The pointer to Voice Mailbox data block is NIL.
Action: Contact your technical support personnel.
- BUG5908 The Update-In-Progress list for Voice Mailbox application does not exist.
Action: Contact your technical support personnel.
- BUG5909 There is a mismatch between the number of updates in the Update-In-Progress list and the Update-In-Progress counter.
Action: Contact your technical support personnel.
- BUG5910 The application layer association table does not exist.
Action: Contact your technical support personnel.
- BUG5911 There is a bad case value received in the case statement in the Network Layer Handler module.
Action: Contact your technical support personnel.
- BUG5912 The network layer connection table does not exist.
Action: Contact your technical support personnel.

- BUG5913 There is a bad case value received in the case statement in the Network Layer Handler module.
Action: Contact your technical support personnel.
- BUG5914 Could not allocate unprotected Voice Mailbox Administration application data block. This could be due to low memory.
Action: Contact your technical support personnel.
- BUG5915 Could not allocate unprotected Voice Mailbox delete block. This could be due to low memory.
Action: Contact your technical support personnel.
- BUG5916 Could not allocate unprotected Voice Mailbox Update-In-Progress block. This could be due to low memory.
Action: Contact your technical support personnel.
- BUG5919 PRB_PTR = NIL in call to procedure WHICH_DNIS_DIGS.
- BUG5928 {DSL #} {BUG CAUSE VALUE} Set UIPE BRIT D channel pointers failed. The following is a list of cause values for BUG5928:
- 1 = Invalid DSL number
 - 2 = TNTRANS failed for the DSL number
 - 3 = The unit type is not a trunk
 - 4 = The DSL is not a BRIT B-channel
 - 5 = The card type is not a BRI line card
 - 6 = The MISP loop TN is invalid
 - 7 = The protected MISP loop pointer is nil
 - 8 = The ABS loop type is not a MISP loop
 - 9 = The unprotected MISP loop pointer is nil
 - 10 = Set route pointers for the DSL failed
 - 11 = Set MSDLMISP pointers failed
- BUG5929 {DSL #} {Request value} Invalid request for the BRIT maintenance control.
- BUG5930 {DSL #} {BRIT maintenance state} Invalid BRIT maintenance timeout event {DSL #}
- BUG5931 BRIT Timer T309 expired while the link was established {DSL #} {BRIT DCH link status}

BUG

BUG5932	Invalid BRIT B-channel detected {DSL #} {Invalid B-channel TN}
BUG5933	The BRIT trunk timing pointer was found to be nil {DSL #} {Trunk timing pointer}
BUG5934	The BRIT message cr is nil for building messages {DSL #} {Maintenance cr pointer}
BUG5935	The message type is invalid for the BRIT message building function. {DSL #} {Maintenance cr pointer}
BUG5936	An invalid TN B-channel detected by the message builder {DSL #} {Invalid B-channel TN}
BUG5937	An invalid message detected by the BRIT message decoder {DSL #} {Invalid message}
BUG5938	A Call Register cannot be obtained for saving messages {DSL #} {Call Register pointer}
BUG5939	Invalid number of BRIT channels found during incoming message processing {DSL #} {Invalid number of BRIT channels value}
BUG5940	Invalid BRIT channel number found during incoming message processing {DSL #} {Invalid number of BRIT channels value}
BUG5941	Invalid request for the PRI maintenance control.
BUG5942	Invalid PRI maintenance state
BUG5943	The PRI maintenance timeout event is not compatible the PRI maintenance state.
BUG5944	Invalid PRI maintenance state for timeout event.
BUG5945	T309 timeout event when the D channel is established. The T309 timer should be cancelled when the D channel link is established.
BUG5946	Invalid request for the PRI I/O control interface.
BUG5947 {DCH#} {BUG cause value}	Set UIPE PRI D-channel pointers failed. The following is a list of cause values for BUG5947: 1 = Invalid D channel number 2 = The log_io_ptr is nil 3 = The pra logical application is not configured 4 = The D channel block pointer is nil

- 5 = The D channel configured is not PRI UIPE
- 6 = The pointer to the physical I/O block is nil
- 7 = The pointer to the unprotected DCH block is nil
- 8 = Pointer to the protected call reference tbl is nil
- 9 = Pointer to the unprotected call reference tbl is nil
- 10 = Pointer to the unprotected message table is nil
- 11 = Pointer to the DCH output buffer is nil
- 12 = Pointer to the unprotected backup DCH block is nil
- 13 = DCH is not configured on MSDL card
- 14 = Set MSDL/MISP pointers failed
- 15 = The MSDL expedited input buffer pointer is nil
- 16 = The MSDL ring input buffer pointer is nil
- 17 = The DCH aux block pointer is nil

- BUG5948 Invalid PRI layer 2 request.
- BUG5949 Invalid timeout detected for UIPE layer 2.
- BUG5950 Invalid timeout event.
- BUG5951 Layer 2 invalid MSBY state timeout.
- BUG5952 Set MSDL/MSIP pointers failed.
- BUG5953 Invalid request for the PRI print utility.
- BUG5954 The TN of the trunk passed to the PRI maintenance control for a B-channel restart is invalid.
- BUG5955 The trunk timing pointer is nil.
- BUG5956 An invalid TN is found during the PRI maintenance build message function.
- BUG5957 An invalid procedure call is made to store the call reference in the global msgcr.
- BUG5958 The maintenance message builder cannot build the message requested. (See reason codes below.)
- Reason codes for BUG5958:
- 1 = The g_msgcrptr pointer is nil for building message.

BUG

2 = The message type is invalid for the UIPE PRI build message function.

BUG5959 The maintenance message decoder cannot decode the message requested.
(See reason codes below.) Reason codes for BUG5959

1 = The message requested for decoding is not supported.

2 = Cannot obtain a message cr to save the message.

BUG5960 Pointer to LAPW IO block is NIL.

BUG5961 RFW key is defined but ARFW package is not equipped.

BUG5962 ACTIVE_IN_RCFW state is not valid for attempted RCFW operation.

BUG5963 Input_type into ATT_RCFW is not valid.

BUG5964 Invalid ATT_RFW_STATE for attempted operation.

BUG5965 Invalid RESULT state for attempted operation.

BUG5966 TCAP Call Register undefined in NRCFW operation.

BUG5967 Invalid return code for DN interpretation.

BUG5968 Incorrect index into digits for Forward DN.

BUG5969 Invalid RCFW_RESP_TYPE

BUG5970 Invalid RCFW_MSG_TYPE

BUG5972 Failure of Setting Ptrs or Flags in ISAP module.

BUG5973 Invalid Source in ISAP module.

BUG5974 Invalid Interface Type in ISAP module.

BUG5975 Invalid request in ISAP module.

BUG5976 The cr pointer passed to global proc. NRPA_HANDLER is NIL (network RPA).

BUG5977 Invalid TASK passed to global proc. NRPA_HANDLER (network RPA).

BUG5978 No cr is available to allocate a RPA rose cr for network RPA.

BUG5979 Unexpected Rose component type received in proc NRPA_RECV_FAC for
network RPA.

BUG5980	Unexpected Rose operation value received in proc NRPA_RECV_FAC for
BUG5981	Failure of setting ptrs or uipe flag in ISAP module.
BUG5982	Unknown source in ISAP module.
BUG5983	Unknown interface type in ISAP module.
BUG5984	Unknown request in ISAP module.
BUG5985	FROM_ITEM (the "interworking from" tn) passed into Procedure UIPE_INTERWORK is neither the ORIGTN nor the TERTN. Action: Check the calling procedure to see if the correct tn has been passed in to UIPE_INTERWORK.
BUG5986	TNTRANS failed on the "interworking to" tn in Procedure UIPE_INTERWORK
BUG5987	EVENT_TYPE passed in to Procedure UIPE_INTERWORK is invalid.
BUG5988	DCH_WO_PRIM_ID is not an application data request. Return Build Message Initialization failed. (Procedure UIPE_BLDMSG_INIT)
BUG5989	The "interworking to" message cr (TO_MSGCR) is nil. (Procedure MAP_TO_UNIV and Procedure MAP_TO_IFC_SPEC)
BUG5990	The "interworking to" message cr (ORIG_MSGCR) is nil in Procedure O_SETUP_ISDNITWK
BUG5991	SETCUSTPTRS failed in Procedure GET_ISDN_CALLED.
BUG5992	Invalid request for the BRIT print utility in UPRT module.
BUG5993	Request for UIPE_UTIL is not a valid choice.
BUG5994	Invalid primitive data length or IE length in UPRT module.
BUG6006	Unable to physically change the RFW lamp status.
BUG6007	Invalid display mode for attempted operation.
BUG6008	RCFW Call Register should be defined.
BUG6009	Invalid NRCFW parameter.
BUG6010	Invalid RCFW parameter.
BUG6011	Invalid RCFWDN_TYPE

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BUG6012	RCFW FFC expected in digits.
BUG6013	RCFW message response timeout. For Attendant RCFW operation, the remote node requires Attendant Network Remote Call Forward package 253.
BUG6014	RCFW_TO_DN interpretation is looping.
BUG6015	The incoming trunk is not a DPNSS trunk when the global procedure R2MFC_DPNSS_CALL is invoked to send back a DPNSS response message.
BUG6016	TNTRANS on MFC_ORIGTN fails or TNTRANS on ORIGTN fails when the global procedure R2MFC_DPNSS_CALL is invoked to send back a R2MFC backward signal.
BUG6017	A problem occurred when attempting to recover packages during cold start (option 81 only). Action: Print out the list of equipped packages in LD 22. If it does not match that on the label, restart the system. If it does, use LD 17 to configure the current language as desired.
BUG6018	The language setup information could not be recovered from the disk. Language is forced to English (option 81 only). Use LD 17 to configure the current language as desired.
BUG6019	Call ID free list head or tail pointers are invalid. This may be due to data corruption. The Call ID table is reinitializing. The Call ID values in existing Call Registers cannot be cleared, so some related BUG messages may appear in addition to this one (particularly BUG5835).
BUG6021	CFHO - Protocol or State problem in ISDN/NAS environment.
BUG6022	ISDN_CRLINK field of the unprotected DPNSS channel block was not nil when trying to allocate a new DPNSS ISDN CR in procedure INIT_DPNSS_MSGCR.
BUG6023	ISDN_CRLINK field of the unprotected DPNSS channel block should not be nil.
BUG6024	Invalid ATT_RCFW message type.
BUG6025	Main CR not linked to TCAP CR in NRCFW operation.
BUG6026	Unable to obtain attendant customer pointers.
BUG6027	No destination for RCFW response message received.
BUG6028	Invalid Orig_id in RCFW operation.

BUG6029	Incorrect RCFW_TO_DN interpretation.
BUG6030	Invalid password in CFW_CHG message.
BUG6031	Invalid RCFW_RESP_TYPE for attempted operation.
BUG6032	Unable to initialize attendant global variables.
BUG6033	TNTRANS on the attendant TN failed.
BUG6034	n ftn ttn crptr This message is a standard message that applies to the universal gateways. n = the type of problem that occurred ftn = the tn of the unit originating the event ttn = the destination tn of the event crptr = the crptr value when the problem occurred
BUG6035	This TSP TN cannot be located in either the DNA or the local table.
BUG6036	Number larger than 3,999,999,999 has been passed to procedure TEN_NBLS_HEX_CNV.
BUG6037	Parameter NUM_DIGS is larger than 10.
BUG6038	A non Binary Coded Decimal has been passed into procedure TEN_NBLS_HEX_CNV.
BUG6039	MSGCR of outgoing trunk is nil in procedure AOC_REQUEST.
BUG6040	Too many supplementary services are being requested at the same time using the Keypad IE (AXE-10 AUS).
BUG6041	A supplementary service request is to be built, but the IE LENGTH is zero.
BUG6042	Message/State problem in global procedure ABDN, ORIGTN, TERTN, ABDN state, ABDN task and message type are printed.
BUG6043	Feature condition error in global procedure ABDN, ORIGTN, TERTN, ABDN state, ABDN task and ABDN parameter are printed.
BUG6044	Customer or attendant pointers could not be set in global procedure ABDN.
BUG6045	ABDN state change problem in global procedure ABDN, ORIGTN, TERTN, ABDN state, ABDN task and new state are printed.

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BUG6051	The data in the language file has an incorrect format. The translation status is forced to NONE. Action: First go to Load 17 and configure prompt TRNS with the desired option. Then do a data dump.
BUG6053	General BUG for the OHOL feature. Where: nn is the case # into the global procedure OHOL.
BUG6054	Procedure SET_UP_NEW_CALL module DDC Standalone Meridian Mail called in error for diversion on no reply case.
BUG6055	Procedure DO_DVG_R_CALL module DDC Standalone Meridian Mail specified DPNSS Route Required but got a non-DPNSS trunk.
BUG6056	Procedure CHECK_DVG_CLEAR module DSS Invalid PARTY passed to procedure CHECK_DVG_CLEAR
BUG6057	Procedure CHECK_DVG_CLEAR module DSS CPRTR is NIL. No diversion possible.
BUG6058	A Call ID could not be allocated for a call arriving at a CDN. Since CCR cannot control a call without a Call ID, the call is given default treatment. Under normal circumstances, this should not happen.
BUG6061	Cannot make NIVD to NIVD connection on TSIC.
BUG6064	TNTRANS failure in the VNS state handler
BUG6065	Failed to send an answer on a bearer trunk used by VNS
BUG6067	There is no space on the base memory page (page 0 or 1) for an I/O block. Action: Contact the ETAS/CTAS organization and report the message.
BUG6068	Itempr passed to global procedure SET_OPS_PADS is nil.
BUG6069	INITCR failed. Cannot get a new Call Register.
BUG6070	ACRL_HANDLER. Passed parameter SOURCE is invalid.
BUG6071	Pointer to Call Register is not on a valid range.
BUG6072	Target party should be on TERSide of the Call Register.
BUG6073	Cannot have a route optimization attempt when there is a call on hold on the AC15 trunk.

BUG6074	Invalid return value from TRANSFER_CALL.
BUG6079	HUNT feature data space could not be found, even though it has been found previously. (SBA)
BUG6080	EHT feature data space could not be found, even though it has been found previously. (SBA)
BUG6081	FDN feature data space could not be found, even though it has been found previously. (SBA)
BUG6082	EFD feature data space could not be found, even though it has been found previously. (SBA)
BUG6083	No CFW key could be found, even though one has been found previously. (SBA)
BUG6084	CFW key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6085	No BFS key could be found, even though one has been found previously (SBA).
BUG6086	BFS key data space could not be found, even though it has been found previously. (SBA)
BUG6087	No VCC key could be found, even though one has been found previously. (SBA)
BUG6088	VCC key data space could not be found, even though it has been found previously. (SBA)
BUG6089	No DIG key could be found, even though one has been found previously. (SBA)
BUG6090	DIG key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6091	No GRC key could be found, even though it has been found previously.
BUG6092	GRC key data space could not be found, even though it has been found previously. (SBA)
BUG6093	No SSC/SSU key could be found, even though one has been found previously. (SBA)
BUG6094	SSC/SSU key/feature data space could not be found, even though it has been found previously. (SBA)

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BUG6095	No SCC/SCU key could be found, even though one has been found previously. (SBA)
BUG6096	Neither SCC nor SCU feature is configured, even though one has been found previously. (SBA)
BUG6097	SCC/SCU key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6098	No HOT L key could be found, even though one has been found previously. (SBA)
BUG6099	HOT key/feature data space could not be found, even though it has been found previously. (SBA)
BUG6100	HOT key is not configured for Hot List, even though it was previously thought to be. (SBA)
BUG6101	Invalid parameters passed to BRIT_DCH_HDLR or UBRIT_DCH_HDLR.
BUG6102	Invalid Extended Page Bits detected from firmware. Action: Contact the ETAS/CTAS organization and report the message.
BUG6103	The number of M1 CT2 Mobility TN's configured in the system has reached the
BUG6104	The number of MCM TN's configured in the system has reached zero or is less than zero.
BUG6105	CAUTION: queue corruption. QU_ID different from QUEUE_IN. Procedure UNLINK.
BUG6106	Invalid Group Hunt List. PLDN cannot be retrieved.
BUG6107	A message has been received for a VNS D-Channel on an UIPE link. Procedure LINK_MSGCR. Module UICC.
BUG6109	ICITYPE is out-of-range in procedure GET_ICI_KEYNO.
BUG6110	ISDN BRI Supplementary Services error for NI-1 Call Forward For All Calls or ETSI Call Forwarding Unconditional.
BUG6119 yz	MPO_HANDLER has been invoked with an incorrect TASK ID for the current state. z . Where: y = TASK_ID and z = MPO_STATE
BUG6120	An attempt was made to log out a Set Based Administration session whose session type could not be identified.

BUG6121	A Set Based Administration block pointer was found to be nil.
BUG6122	A Set Based Administration logged-in TN is not the ORIGIN.
BUG6123 s	A multi-user login session type could not be identified. s is the hex value of the session number.
BUG6124	Set Based Administration: The active logins counter indicates that there should be available login sessions, however no free sessions can be found.
BUG6125	A Set Based Administration session made a request to register a TN or DN for change, however the session already has a TN registered to it.
BUG6126	A Set Based Administration session made a request to release a TN or DN which is not currently registered to that session.
BUG6127 c	Logging out a Set Based Administration session would have taken one of the login counts below zero. Where: c specifies the value of the login counter.
BUG6128	A call was made to initialize the Set Based Administration restriction control blocks but the block pointers are not nil. Initialization is not performed.
BUG6139	Inconsistent DN data in the DN block while searching for the Wanted party's TN.
BUG6140	An MCR/MCN/PLSR/PLN/HOT key of a BCS set TN is linked with a CR which does not involve this TN as ORIGIN or TERTN
BUG6141	A TN is the TN list of the Wanted DN block, but the TN does not have any DN key defined for this DN.
BUG6142	An MCR/MCN/PLSR/PLN/HOT key of a BCS set TN is linked with a CR which does not involve this TN as ORIGIN or TERTN
BUG6143	An event occurred during an established EI conference, but the SW could not find the relevant Data for the conference loop contained in the current Call Register.
BUG6144	An event occurred during an established EI conference, but the SW could not find the relevant Data for the conference loop contained in the current Call Register.
BUG6145	An event occurred during an established EI conference. The SW scanned the conference data, but one of the three existing parties (originator, Wanted, Unwanted) was missing or there were more than three.
BUG6147	Abnormal disconnection from an established EI conference. The SW could not identify the releasing party (Orig, Wanted, or Unwanted).

BUG

BUG6148	The party becoming idle is probably the Wanted party of an EI conference, but is in an inconsistent state.
BUG6150	The EI Wanted set or Originating trunk was disconnected while waiting for the Unwanted's IPL, but the EI Originating trunk is not in the expected state
BUG6151	GW_FUNCTION EI/BKI Gateway: Procedure EI_GW-SERVICE is called with an invalid GW_FUNCTION parameter. The unexpected GW_FUNCTION is printed.
BUG6152	SUPP_SERV_STATE. Unexpected supplementary service state on the DPNSS side of the EI/BKI Gateway: FACILITY WITH "CAMPON allowed" or "CAMP ON not allowed" or "End User Alert" or "End User Connect" or "Breakin Consult" or Break-in extension allowed" is received on the MCDN side, but the DPNSS side is not in the expected supplementary state. The unexpected supp state is printed. The supp state on the DPNSS side is forced to the expected value.
BUG6153	SUPP_SERV_STATE. Unexpected EI supplementary service state on the DPNSS side of the EI/BKI Gateway: ALERT has been received on the MCDN side, but the supplementary service state on the DPNSS side is not EI_R_RCVD as expected. The unexpected DPNSS supp service state is printed. The ACK string is not included in the outgoing NAM on the DPNSS side.
BUG6154	An event occurred on the Originating or the Unwanted trunk while EI was taking place, but the SW could not retrieve all the parties involved because of data inconsistency.
BUG6155	The SW could not find the resources required to provide the Intrusion tone to the EI conference it was trying to set up. The EI request is consequently rejected.
BUG6156	EI/BKI Gateway: TNTRANS failed.
BUG6157	SERVICE_STATE . Unexpected service state on the DPNSS side of the EI/BKI Gateway: FACILITY informing Break-in Denied or Break-In Temporary Denied is received on the MCDN side. The Service state on the DPNSS side is not .SUPP_SERV_EI as expected. The unexpected DPNSS service state is printed. The call is cleared.

- BUG6158 SUPP_SERV_STATE. Unexpected supplementary service state on the DPNSS side of the EI/BKI Gateway:
- FACILITY informing Break-in Denied or Break-in Temporary Denied is received on the MCDN side. The EI Supplementary Service state on the DPNSS side is not .EI_R_RCVD as expected.
- The unexpected DPNSS service state is printed. The call is cleared.
- BUG6159 SUPP_SERV_STATE. Unexpected EI supplementary service state on the DPNSS side of the EI/BKI Gateway:
- Received FACILITY with “end user alert” or “end user connect” but the DPNSS side is in an unexpected supplementary service state. The expected supplementary service state is EI_CCM_SENT.
- The FACILITY msg is ignored. The unexpected service state is printed.
- BUG6160 SERVICE_STATE. Unexpected EI service state on the DPNSS side of the EI/BKI Gateway:
- Received FACILITY with “BKI cancelled” but the DPNSS side is in an unexpected service state. The expected service state is .SUPP_SERV_EI.
- The FACILITY msg is ignored. The unexpected service state is printed.
- BUG6161 ID_CODE. EI/BKI Gateway: Illegal case entry in procedure EI_GW_SND_EEM. The wrong value of parameter ID_CODE is printed.
- BUG6162 SUPP_SERV_STATE
- Unexpected EI supplementary service state on the DPNSS side of the EI/BKI Gateway: FACILITY with “BKI cancelled” is received on the MCDN side, but the DPNSS side is not in the expected supplementary service state .EI_CCM_SENT. The unexpected supplementary service state is printed. The supp state on the DPNSS side is forced to .EI_CCM_SENT.
- BUG6163 SUPP_SERV_STATE EI/BKI Gateway: cannot send a NAM because value of TRK_IS_INCOMING is FALSE: procedure EI_GW_SIMU_ALERT(). The supp state in which the problem occurs is printed. NAM is not sent.
- BUG6164 Simple call MCDN/DPNSS Gateway:TNTRANS failed in procedure SEND_FAC-U_CNCT
- BUG6166 The SW has received a CO to EI conversion request. It has found the Wanted TN and CR we want to intrude to, but this CR is not marked as having a call camped on to it.
- BUG6168 The Wanted CR has MNABIT = .TRUE, but the Wanted DN is not a MADN

BUG

BUG6169 W Y Z MPO_HANDLER was unable to perform specified task. Where:

W = MPO_STATE

Y = task identifier

Z = failure identifier

BUG6170 CDR CR is forced off from the CDR queue from non-CDR software path.

BUG6172 A potential data corruption situation is captured. Correction is attempted to prevent the corruption. Please finish up the service change session and print out the data to ensure the integrity before continuing.

BUG6173 In IDLECR, the Call Register CRPTR could not be removed from the corresponding queue by calling REMOVE. As a result, this Call Register can't be returned to the IDLE queue to prevent further corruption to the queuing system.

BUG6174 Invalid call to NITC_ISDN_HNDLR (invalid source)

Action: If this problem persists, contact your Nortel representative.

BUG6175 Invalid call to NITC_ISDN_HNDLR (invalid request)

Action: If this problem persists, contact your Nortel representative.

BUG6176 Invalid ROSE_COMP_TAG in NITC_ISDN_HNDLR

Action: If this problem persists, contact your Nortel representative.

BUG6177 Invalid operation length in NITC_ISDN_HNDLR.

Action: If this problem persists, contact your Nortel representative.

BUG6178 Invalid operation value in NITC_ISDN_HNDLR.

Action: If this problem persists, contact your Nortel representative.

BUG6179 CRPTR is NIL or could not allocate new call register in NITC_ISDN_HNDLR

Action: If this problem persists, contact your Nortel representative.

BUG6180 NITC_ISDN_HNDLR count not send ROSE message.

Action: If this problem persists, contact your Nortel representative.

BUG6214 Invalid bug number in all to NITC_BUG in NITC_ISDN_HNDLR

Action: If this problem persists, contact your Nortel representative.

BUG6215 x	The CDRTTA_ANS was not set up for a CDR record with a CDRTTA_ARR stamp. The TTA information cannot be printed for this call. Where: x = TOD2SEC . Procedures DO_TTA_RINGING and DO_TTA_QUEUEING in module CDR.
BUG6216	Problem occurred during processing of Call Pickup operation
BUG6227	The ethUnit failed while setting up for ARP.
BUG6228	The netLibInit failed while setting up for ARP.
BUG6229	Network task does not exist while setting up for ARP.
BUG6230	The diskOsLnEnetSet failed while setting up for ARP.
BUG6231	Inattach failed while setting up for ARP.
BUG6232	The ifAddrSet failed while setting up for ARP.
BUG6233	Unable to get data for network DB for Primary. Action: Check the network database file on /u.
BUG6234	Unable to get data for network DB for Secondary. Action: Check the network database file on /u.
BUG6235	Ethernet interface structure was not correctly initialized.
BUG6236	System fails to resolve the IP address conflict. Both primary and secondary addresses are being used.
BUG6237	There has been a failure to correctly obtain network interface data.
BUG6238	There has been a failure to initialize the network interface.
BUG6239	Invalid physical address read from IOP. Action: Check IOP's Ethernet chip.
BUG6240	There has been a failure to obtain the sub-netmask address.
BUG6241	There has been a failure to initialize the Network File System (NFS).
BUG6242: {CODE}{IDC STEP PM}{CUST#}{TREE#}{ERROR SUB CODE}	General debugging message for Overlay 49, IDC tree. See procedure BUG_WARNING in Overlay 49.

BUG

- BUG6243:{CUST#}{TREE#} In overlay 49, the INI recovery was tried and unsuccessful. Force recovery by nilling the IDC_BR_PTR & SDID_LNKLST_PTR. It may result in data corruption in the IDC tree.
- BUG6244 SETCUSTPTRS failed. Customer number and terminal are printed. Customer number is from the protected line block unless the terminal is a DTR, which takes it from its active call register.
- Action:** Print TN block (except DTR) and reconfigure if customer number is not correct.
- BUG6245 An attempt is made to send a SSRM on a DASS/DPNSS channel even though the channel state is still idle (ie., an ISRM has not been sent).
- The channel state is updated so that any response received from the far end can be handled correctly.
- BUG6246 ACD TN found with its ACD CR in the main queue.
- Output: ACD TN (unpacked format), ACD ID (DN format).
- BUG6247 Access to System Event List disk filed failed.
- Action:** Check the file and the hard disk.
- BUG6253 {tn} The set indicated has a CR attached indicating that login displays are being shown on this agent's display as if the agent were an MQA agent, but the set has no MQA data block. The CR on the incalls key is idled and the keylink is nilled.
- BUG6254 An attempt was made to remove a Call Register from an idle agent queue for an MQA agent, but no father CR could be found. An attempt was made to idle any CRs in this aux cr chain, but other problems/bugs may be seen. If they persist and service is affected, the system should be initialized.
- BUG6255 Tntrans failed on the origtn for an MQA agent CR in an idle agent queue. The Call Register was idled.
- BUG6256 {tn} {acd dn} SET_ACD_PTRS failed in procedure put_in_idle_q for an MQA ACD agent. The TN and ACD TN are given.
- BUG6257 tntrans on orign:crptr failed in procedure acd_128ms_to.
- BUG6258 {tn} Unprotected ACD Position Pointer is nil for TN indicated. Data corruption may have occurred. If problems persist, Service Change should be performed on this agent.

- BUG6259 {tn} {acd dn} The ACD DN queue this MQA ACD agent is supposed to be serving is not in the agent's MQA data block. This agent should logout and log back in again, respecifying the ACD DN's to be served.
- BUG6260 {tn} {acd tn} SET_ACD_PTRS failed in procedure acd_agnt_login for an MQA ACD agent. The TN and ACD DN are given.
- BUG6261 {tn} {acd dn} SET_ACD_PTRS failed in procedure acd_agnt_logout for an MQA ACD agent. The TN and ACD DN are given.
- BUG6262 {tn} {acd dn} A son CR could not be defined for putting this MQA ACD agent into the idle agent queue for the indicated ACD DN.
- BUG6268 Bad entry to global procedure IAGT.
- BUG6269 Invalid IAGT SFR feature.
- BUG6270 Unable to remove acquired agent from IAGT link list.
- BUG6271 Unable to set up U_CSL_PTR for an acquired IAGT agent.
- BUG6272 P_IAGT_TN_BLK prt is not found for an acquired IAGT agent.
- BUG6273 IAGT data pointer(s) are not found for an acquired IAGT agent.
- BUG6274 Unable to create a son_cr. Procedure GET_NWK_CALLID.
- BUG6275 The ROSE_CR was just idled as a last resort. The ROSE_CR should already be idled. Procedure REST_OF_IDLE.
- BUG6277 Call failed to TNTRANS in RESERVE_TIMESLOT.
- BUG6278 An invalid state of H.10 for bit 7 & 6 in TNB. Procedure IVR_GET_JUNCTOR.
- BUG6279 There is no timeslot/junctor information to set up/take down the speechpath. Procedure SETSPEECH_IVR.
- BUG6280 SETONEWAY_IVR. Either the ULPXPTR was NIL or tried to enable a path when the ULPPTR was NIL.
- BUG6281 DPNSS NS: an attempt has been made to find another termination for a call after a night service divert request. the MAINPM returned (.NARS_CALL) is not proper. A TERTN should already have been found for this call at this stage.
- BUG6282 NS: a CCM has been received on a channel after a night service diversion.
- Action:** Ensure the third party complies with the BTNR.

BUG

BUG6284	During retrieval, the controlling channel in a Night Service process was not tagged as DPNSS1.
BUG6285	There is a mismatch in the new and old call.
BUG6286	Flags or pointer not properly set in a call register associated with DPNSS1 Night Service.
BUG6291	Call register idled when SON CR with CCR process type still linked.
BUG6292	ACD_TOF_CALL bit in CRPTR is set but the AUXPM is invalid. Procedure ACD_RESTORE.
BUG6293	Incorrect input message received from the TDET when ARDL call processing.
BUG6294	Cannot spawn to reset power supply. Action: If problem persists, contact NT support.
BUG6295	Cannot create semaphore for the Auxiliary Processor Interface. Action: If problem persists, contact NT support.
BUG6296	Cannot disable the Auxiliary Processor interrupt during initialization. Action: If problem persists, contact NT support.
BUG6297	Cannot install interrupt handler for Auxiliary Processor. Action: If problem persists, contact NT support.
BUG6298	Cannot disable the Auxiliary Processor interrupt during initialization. Action: If problem persists, contact NT support.
BUG6299	Application interrupt received before ISR is installed. Action: If the problem persists, contact NT support.
BUG6300	Invalid interrupt received from the AP interface. Action: If the problem persists, contact NT support.
BUG6301	Invalid application type x for installing ISR. This is caused by incorrect software operation. Action: If the problem persists, contact NT support.
BUG6302	Security Check interrupt received without any pending action. this is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6303 Invoke Security Check but AP interface is not installed. This is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6304 Security Check failed. The interface is already busy. This is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6305 Security Check failed. Timeout waiting for response. This is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6306 Attempted to access an invalid CardLAN register. This is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6307 Attempted to access a CardLAN register but the AP-CL is not installed.

Action: If the problem persists, contact NT support.

BUG6308 Fail to install the AP-CardLAN interface.

Action: If the problem persists, contact NT support.

BUG6309 Invalid data writing to the CardLAN control register. This is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6310 Calling invalid intrinsic. This is caused by incorrect software operation.

Action: If the problem persists, contact NT support.

BUG6311 XCPU Invalid Message. Where eeee is the error code and uuuu is the unit # on Card 0. Units 8-15 on Card 0 are now disabled.

Error codes: 0000 - Invalid Upper Unit Configuration Message from CP 0001 - Invalid Tone Detection Request from CP 0003 - Invalid Tone Detected by DSP 0004 - Invalid MFC/MFE/MFK Signal Request from CP 0005 - Start/stop Detection Request for Disabled Channel from CP

Action: To re-enable units 8-15, run ENLX 0 in LD34. If the problem persists, contact NT support.

BUG

BUG6312	Invalid a31 number passed to a31 driver. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6313	Invalid function passed to a31 driver. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6314	Invalid a31 number passed to a31 test driver. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6315	Invalid function passed to a31 test driver. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6316	a31 Ready Int cannot dequeue message from queue. This may be due to corrupted software queues. Action: If the problem persists, initialize the system.
BUG6317	a31 Input Int received interrupt from unconfigured a31. Action: If the problem persists, initialize the system.
BUG6318	a31 Input Int received interrupt without pending message in a31 FIFO. Action: If the problem persists, initialize the system.
BUG6319	Invalid polling PM detected in a31 Ready Int. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6320	Transmit underflow detected when sending msg to a31.
BUG6321	Invalid card number found in the IVD status array. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6322	No output signalling buffers are available. The current output message is lost. Action: If the problem persists, initialize the system.
BUG6323	Received poll response message but the PF bit is not set.

BUG6324	Invalid cmdType passed to WRITE_TSIC. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6325	Invalid function passed to 144_DRIVER. This is caused by incorrect software operation. Action: If the problem persists, initiliaze the system.
BUG6326	Invalid logical ivd number passed to 144_GET_PHYS_IVD. Action: If the problem persists, initialize the system.
BUG6327	Invalid function passed to 144-SETUP. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6328	Invalid parm passed to bo3Write. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6329	Invalid parm passed to bo3Read. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6330	Invalid conference loop passed to bo3TestDriver. This is caused by incorrect software operation. Action: If the problem persists, initialize the system.
BUG6331	Auxiliary processor could not be started. Action: Contact NT support.
BUG6332	OS %d: CP SIO failed to create '/sio/2'. Action: Try a manual INI. If this problem reoccurs do a cold start. If the problem persists, contact NY support.
BUG6333	OS %d: CP SIO failed to open '/sio/2'. Action: Try a manual INI. If the problem reoccurs, do a cold start. If the problem persists, contact NT support.
BUG6334	Could not initialize PCMCIA ATA device driver. Action: Try a manual INI. If the problem reoccurs, do a cold start. If the problem persists, contact NT support.

BUG

BUG6335	Could not mount device "%s". Action: Try manual INI. If the problem reoccurs, do a cold start. If the problem persists, contact NT support.
BUG6336	Could not find AUXRES file path in disk.sys. Action: Contact NT support.
BUG6337	Could not find file "%s". Action: May or may not be service affecting, depending on the file. Attempt to restore file. If this cannot be done, contact NT support.
BUG6338	Error opening file "%s". Action: May or may not be service affecting, depending on the file. Attempt to restore file. If this cannot be done, contact NT support.
BUG6339	Error reading file "%s". Action: May or may not be service affecting, depending on the file. Attempt to restore file. If this cannot be done, contact NT support.
BUG6340	Error seeking in file "%s". Action: May or may not be service affecting, depending on the file. Attempt to restore the file. If this cannot be done, contact NT support.
BUG6341	ssDrv: Resource acquisition error, task = %s, resource = %s, ID = %p, errno = %s. Action: Manual INI. If the problem persists contact NT support.
BUG6342	Resource creation error, task = %s, resource = %s, errno = %s Action: Manual INI. If the problem persists contact NT support.
BUG6343	ssDrv: Fatal error, unable to initialize drive. Action: Manual INI. If the problem persists contact NT support.
BUG6344	ssDrv: Drive space corrupted. Action: Manual INI. If the problem persists contact NT support.
BUG6345	ssDrv: No free tracks. Action: Manual INI. If the problem persists contact NT support.
BUG6346	ssDrv: Logical block %d out of range.

BUG6347	ssDrv: Logical block %d mapping is invalid, caddr = %04X.
BUG6348	Flash write failure, task = %s, errno = %x, address = %p, data = %X, flash = %X.
BUG6349	ssDrv: Invalid chip address = %04X.
BUG6350	ssDrv: Semaphore %p held by deleted task %p.
BUG6351	ssDrv: unable to reverse map caddr = %04X.
BUG6352	ssDrv: erroneous condition detected.
BUG6353	ssDrv: Could not create admin track, write operations not possible. Action: Contact NT support.
BUG6354	NULL pointer Action: If the problem persists, contact NT support.
BUG6355	Error accessing file %s: %s. Action: If the problem persists, contact NT support.
BUG6359	Flash erase failed, address = %p. Action: Contact NT support.
BUG6360	Invalid ethernet address read from CS. Action: Check CPU ethernet chip. Contact NT support.
BUG6362	TOD content is wrong. Content is reset. Action: Contact NT support.
BUG6363	Hardware interrupt is not cleared. Action: *Severity is Major only if a BUG6364 is not printed immediately after.
BUG6364	Hardware interrupt is cleared.
BUG6394	The VDN data structure is corrupted. Some VDN blocks may be lost. Action: Run AUDIT to rebuild recoverable VDN blocks. Recreate VDN blocks that have been lost.
BUG6395	The call register passed to the global procedure IED_CHK is nil. Action: Report problem if condition persists.

BUG

BUG6396	G_GF_MSGCRPTR is nil, cannot build call-indp msg.
BUG6397	Unexpected process type in GF_CR.
BUG6398	The call register passed to the global procedure IED_CHK is nil. Action: Report problem if condition persists.
BUG6399	In procedure RO_NO_CIM_RECVD, TER must be DPNSS as Route Optimisation process is in operation on this side of the CR of the new call. Action: Run AUDIT, as there may be unreleased CR and/or wrong channel states (new channel remains in a Route Optimisation state).
BUG6404	A network call park operation is tried from one node to another node for which the Call Park Networkwide feature is not defined. Action: Contact your system administrator if the Call Park Networkwide operation is desired.
BUG6405	Unable to remove the reserved agent son cr from the main cr.
BUG6406	Agent reserved son cr cannot be linked to NSBR call.
BUG6407	NSBR call cannot be terminated to a CDN.
BUG6438	Invalid message type is passed to procedure IAGT.
BUG6439	Invalid agent resync state is found.
BUG6440	Invalid IAGT agent is found from agent link list.
BUG6441	CRPTR is out of range. Output: TERMINAL
BUG6442 {type of failure} {event/state} {parm1}{parm2}{pam3}	Call Completion (CC) Supplementary Service. Software failure detected by CC QSIG protocol handler.
BUG6443 {cause} {source}	Call Completion Supplementary Service. Error detected by CC TERMINAL handler.
BUG6444 {type of error} {parms}	Call Completion (CC) Supplementary Service. Error detected by CC ETSI-T protocol handler.
BUG6445 {type of error} {type of gateway} {source in sssc_gateway}	Call Completion (CC) Supplementary Service. Error at a gateway node.
BUG6446 {protocol call-register pointer}	Call Completion (CC) Supplementary Service. Procedure FIND_USER_PTR failed.

- BUG6447 {protocol call register pointer} Call Completion (CC) Supplementary Service. Procedure FIND_PRA_MSG_PTR failed.
- BUG6448 {protocol call register pointer} Call Completion (CC) Supplementary Service. Procedure IDLE_PROT_CR failed.
- BUG6449 {RCAP id} Call Completion (CC) Supplementary Service. Procedure HAS_RCAP failed. Invalid RCAP id.
- BUG6450 {source in sssc_utility} {int1} {int2} {int3} Call Completion (CC) Supplementary Service. Invalid parameter pointer passed in SSSC_UTILITY.
- BUG6532 This procedure is called for a non-DASS2 master call which is invalid.
- BUG7000 X invalid TID.
- BUG7001 Cannot spawn SKDTask. ERRNO n.
- BUG7002 Bad TickTime Slice. Cannot start round-robin scheduling.
- BUG7011 Checksum mismatch on page x, base address y.
- BUG7012 Inconsistent checksum corrected on page x, base address y.
- BUG7013 Attempt to change write protected memory from interrupt handler.
- BUG7014 Register procedure not called yet.
- BUG7015 Memory configuration problems.
- BUG7016 MTR changed during fast mode.
- BUG7017 MSYNC: No temporary memory available to perform memory verification. Reinitialize the system with the MANUAL INIT button (top).
- BUG7018 MSYNC: Memory mismatch corrected at addr a (loc = b; rem = c).
- BUG7019 MSYNC: Sync failure at address a (local = b; remote = c).
Action: Use the TEST CP command in OVL135 to try to recover memory shadowing.
- BUG7020 Manual INIT in progress.
- BUG7021 Cold start in progress because of {reason}.
- BUG7022 Warm start in progress because of {reason}.

BUG

BUG7023	Task restart aborted - cannot send message to Restart task.
BUG7024	Task restart aborted - bad TID n.
BUG7025	Task table overflow on TID n.
BUG7026	Restart threshold exceeded in TID n.
BUG7027	Warning: task delete failed. TID = n.
BUG7028	Warning: unregistered task being restarted. TID = n.
BUG7029	Task being deleted. TID = n.
BUG7030	Task being restarted. TID = n.
BUG7031	Unknown request sent to Restart task. REQ = n.
BUG7032	Unable to create message queue.
BUG7033	Unable to spawn Restart task.
BUG7034	Manual INIT button disabled. Action: Reload the system with the Manual reload button.
BUG7035	Unable to register protMem - bad range x to y.
BUG7036	Unable to register protMem - no memory available.
BUG7037	Unable to register protMem - write failure.
BUG7038	Checksum error found at address x.
BUG7039	Checksum error in Page Control Table.
BUG7040	Checksum error in disk OS Text segment.
BUG7041	Checksum error in disk OS Dynamic segment.
BUG7042 x y	Checksum error at address x caused by cold start. Action: Reset the SIMM in SIMM slot y. If problem persists, replace the CP card.
BUG7043	System recovery failure. Task = n. Action: Reload the system with the Manual reload button.
BUG7044	Restart subsystem failure. No automatic restart.

Action: Reload the system with the Manual reload button.

BUG7045 Exception caused task restart. TID = n, VEC = x, PC = y.

BUG7058 SWD watchdog timer expired on TID: n.

BUG7059 Failed to free SWD memory. SWDID: n.

BUG7060 Hardware watchdog interrupt event.

BUG7061 Failed task restart. TID: x.

BUG7062 Restarted task n TID x.

BUG7063 Failed in CMB access. Address: n.

Action: Reset or replace CP card.

BUG7064 Failed in ISR registration. ISR number: n.

BUG7065 Failed to spawn “TSWD” task.

Action: Reload the system with the Manual reload button. Reinstall software from the installation disks.

BUG7066 Broken task list. Number of tasks missing: n.

BUG7067 Invalid SWDID: x.

BUG7068 Invalid TID: x.

BUG7069 Failed to allocate SWD memory.

Action: Reload the system with the Manual reload button.

BUG7070 CP SRA unauthorized access.

BUG7071 CP self-configure in process.

BUG7072 X CP database parse error(s) occurred.

Action: Restore database from backup disks.

BUG7073 Power failure detected (Power Monitor).

BUG7074 CMB detects error during DMA.

BUG7075 HPM detects local parity error.

BUG

BUG7076	BIC parity error detected: PARRERZ = x.
BUG7077	CP database not found. Action: Restore database from backup disks.
BUG7078	Local fault (parity) threshold exceeded. Performing switchover. Action: Reset or replace the CP card.
BUG7079	Local fault (parity) threshold exceeded. Switchover failed. Action: Reset or replace the CP card.
BUG7080	Sending of enable event to ID {name} failed.
BUG7081	Sending of link event to ID {name} failed.
BUG7082	Enabling active CP failed.
BUG7083	Local fault threshold exceeded. Performing switchover.
BUG7100	IPB database not found. Action: Restore database from backup disk.
BUG7101	IPB database of an unexpected release. Action: Restore database from backup disk.
BUG7102	IPB x database parse error(s) occurred. Action: Restore database from backup disk.
BUG7103	IPB sending of enable event (ph7) to id {name} failed.
BUG7104	IPB sending of link event (ph5) to id {name} failed.
BUG7105	IPB card inserted did not fully seat IRQ disabled. Action: Check card keying, or reseal the card.
BUG7106	IPB datadump failed.
BUG7107	IPB parity threshold exceeded. Performing switchover.
BUG7108	IPB switchover failed.
BUG7109	IPB IRQ enabled.

BUG7110	IPB Monitor failed on take of switchover prevent semaphore.
BUG7111	IPB card in side x, slot y does not have a card ID. Action: Notify your technical service representative.
BUG7130	Space manager internal error at line {number}.
BUG7160	Connector x y unknown connection specification {name}.
BUG7161	Connector x y device {name} misidentified. Starting process of identification.
BUG7180	Network Control Bus x y ISR {name} not installed. Masking line {number}.
BUG7181	Network Control Bus x y setting default base address to {address}.
BUG7200	Assert failed in file {number}, line {number}.
BUG7201	Error logged by object {name}.
BUG7202	Broken object in list of class: {name}.
BUG7220	Broken class list.
BUG7221	Internal error logged.
BUG7222	Class {name} failed in init phase. Action: Reinitialize the system with the manual INIT button.
BUG7223	Corrupted HI EXEC Spec Case table.
BUG7224	Corrupted HI EXEC Policy table.
BUG7225	Unknown recovery recommendation.
BUG7226	HI directory not known to DLO. Action: Reinstall software from installation disks.
BUG7227	Corrupted HI directory name: {file name}. Action: Restore database from backup disk.
BUG7228	Cannot open directory {name}. Error number?? Action: Restore database from backup disks.
BUG7229	Failed to copy from {drive} to {drive}.

BUG

Action: Check that disk is in correct drive.

BUG7230 Failed to save {file name}. Error number ??

Action: Check CMDU power switch.

BUG7231 {Job ID} corrupted job control block.

BUG7232 {Job ID} stack underflow.

BUG7233 Number of servers started: {number} (out of ??).

BUG7234 {Job ID} failed swdCreate.

BUG7235 Failed to spawn procedure.

BUG7236 Cannot locate HI data directory.

Action: Restore the database from backup disk.

BUG7237 Bad status of {filename}.

BUG7300 Default resident symbol file not known to disk loader.

BUG7301 Null file name parameter to ldrLoadSymbolFile.

BUG7302 Cannot open {name} symbol file.

BUG7303 Error reading {name} symbol file.

BUG7304 {Name} invalid symbol format.

BUG7305 Error accessing {name} symbol file.

BUG7306 {Name} invalid symbol format.

BUG7307 Error accessing {name} symbol file.

BUG7308 Error reading {name} symbol file.

BUG7309 Error processing symbols.

BUG7310 Error accessing {name} symbol file.

BUG7311 Error reading {name} symbol file.

BUG7312 Error adding symbol. Symbol table may be full.

BUG7313	Incorrect symbol file format. This function only loads symbol files produced by option 81 programs.
BUG7314	Memory allocation error.
BUG7330	Kernal Init failed. Restarting with code x.
BUG7331	I/O system Init failed. Restarting with code x.
BUG7332	T startup spawn failed. Restarting with code x.
BUG7333	T startup gave up. Restarting with code x.
BUG7334	T startup suspended. Restarting with code x.
BUG7335	T startup deadline missed. Restarting with code x.
BUG7336	IOP search failed. Restarting with code x.
BUG7337	File system Init failed. Restarting with code x.
BUG7338	SCSI Init failed. Restarting with code x.
BUG7339	CMDU mount failed. Restarting with code x.
BUG7340	“Diskos” load failed. Restarting with code x.
BUG7341	“Diskos” run failed. Restarting with code x.
BUG7342	CLK connect failed. Restarting with code x.
BUG7343	CLK rate set failed. Restarting with code x.
BUG7344	EXC Init failed. Restarting with code x.
BUG7345	EXC during attempt to reboot. Restarting with code x.
BUG7346	EXC recovery not functioning. Restarting with code x.
BUG7347	Exception. restarting with code x. Action: Check CMDU power switch. Be sure the IP Enable/Disable switch is enabled. Check both ends of the IOP SCSI cable and both CMDUs.
BUG7360	LCD INIT failed.
BUG7361	SIO driver create failed.

BUG

BUG7362	PIPE driver create failed.
BUG7363	Signal init failed.
BUG7364	Standard IO Init failed.
BUG7365	Console for log missing.
BUG7366	Log Init failed.
BUG7367	T startup deadline expires in 2 minutes.
BUG7368	T startup deadline expires in 1 minute.
BUG7369	T startup deadline expires in 30 seconds.
BUG7370	T startup deadline expires in 10 seconds.
BUG7371	LCD failed to create lcddrv.
BUG7372	LCD failed to open /lcd.
BUG7373	CP SIO bad channel number.
BUG7374	CP SIO failed to create /sio/0.
BUG7375	CP SIO failed to create /sio/1.
BUG7376	CP SIO failed to open /sio/0.
BUG7377	CP SIO failed to open /sio/1.
BUG7378	CP SIO hardware init failed for both ports.
BUG7379	Failed to find the IOP that passed the self test. Action: Be sure the IOP enable/disable switch is up. Reseat or replace the security cartridge on the IOP.
BUG7380	Failed to find the IOP that passed the self test. Switchover and restart will be attempted. Action: Reseat or replace the IOP.
BUG7381	Failed to find IOP on both sides. Action: Reseat or replace both IOPs. Be sure the enable/disable switches are up.

BUG7382	Invalid state in switchover induced IOP search.
BUG7383	Reboot server init failed.
BUG7384	“Diskos” lookup index not valid.
BUG7385	“Diskos” file too small. Action: Remove or reinstall the “diskos” from or to this directory.
BUG7386	“Diskos” file has wrong internal format. Action: Remove or reinstall the “diskos” from or to this directory.
BUG7387	“Diskos” file has wrong load address. Action: Remove or reinstall the “diskos” from or to this directory.
BUG7388	“Diskos” file truncated. Action: Remove or reinstall the “diskos” from or to this directory.
BUG7389	ROM OS x: “diskos” file truncated. Action: Remove or reinstall the “diskos” from or to this directory.
BUG7400	Protected data overlap. Cold start with code x. Action: Increase T data parameter in “diskos” rule.
BUG7401	Warm start threshold exceeded. Cold start with code x.
BUG7402	Kernal init failed. Cold start with code x.
BUG7410	Segment init failed. Restarting with code x.
BUG7411	OS segment init failed. Restarting with code x.
BUG7412	I/O system init failed. Restarting with code x.
BUG7413	SWD system init failed. Restarting with code x.
BUG7414	T startup spawn failed. Restarting with code x.
BUG7415	T startup suspended. Restarting with code x.
BUG7416	T startup deadline missed. Restarting with code x.
BUG7417	IOP search failed. Restarting with code x.

BUG

BUG7418	File system init failed. Restarting with code x.
BUG7419	SCSI init failed. Restarting with code x.
BUG7420	CMDU mount failed. Restarting with code x.
BUG7421	Security cartridge driver failed. Restarting with code x.
BUG7422	Security cartridge device failed. Restarting with code x.
BUG7423	Security cartridge check failed. Restarting with code x.
BUG7424	Scheduler init failed. Restarting with code x.
BUG7425	CLK connect failed. Restarting with code x.
BUG7426	CLK rate set failed. Restarting with code x.
BUG7427	EXC init failed. Restarting with code x.
BUG7428	RST init failed. Restarting with code x.
BUG7429	Exception in EXC recovery. Restarting with code x.
BUG7430	EXC during attempt to restart. Restarting with code x.
BUG7431	EXC recovery not functioning. Restarting with code x.
BUG7432	Exception. Restarting with code x. Action: Be sure CMDU power is on. Check that IOP enable/disable switch is up. Check both connectors of the IOP SCSI cable, and both CMDUs.
BUG7433	TOD init failed. Restarting with code x.
BUG7434	TOD midnight init failed. Restarting with code x.
BUG7440	LCD init failed.
BUG7441	SIO driver create failed.
BUG7442	PIPE driver create failed.
BUG7443	Signal init failed.
BUG7444	Standard I/O init failed.
BUG7445	Log console missing.

BUG7446	Log Init failed.
BUG7447	Debug init failed.
BUG7448	Symbol init failed.
BUG7449	Switchover init failed.
BUG7450	T startup suspended - restart in 10 seconds.
BUG7451	T startup suspended - restart in 5 seconds.
BUG7452	T startup deadline expires in 2 minutes.
BUG7453	T startup deadline expires in 1 minute.
BUG7454	T startup deadline expires in 30 seconds.
BUG7455	T startup deadline expires in 10 seconds.
BUG7456	Raw file system init failed.
BUG7457	FD raw volume init failed.
BUG7458	Install load failed.
BUG7459	PTY table create failed.
BUG7460	RPT init failed.
BUG7461	Symbol load failed.
BUG7462	Patch init failed.
BUG7463	OSM init failed.
BUG7464	Failed to find the IOP that passed the self test. Action: Be sure the IOP enable/disable switch is up. Reseat or replace the security cartridge on the IOP.
BUG7465	Failed to find the IOP that passed the self test. Attempting switchover. Action: Be sure the IOP enable/disable switch is up. Reseat or replace the security cartridge on the IOP.
BUG7466	Failed to find any IOP. Attempting switchover. Action: Be sure the IOP enable/disable switch is up. Reseat or replace the

BUG

security cartridge on the IOP.

BUG7467 Graceful switchover during IOP search was rejected.

BUG7468 Failed to find any IOP on this side. Switchover was rejected.

Action: Be sure the IOP enable/disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7469 Failed to find IOP on both sides.

Action: Be sure the IOP enable/disable switch is up. Reseat or replace the security cartridge on the IOP.

BUG7470 TOD init failed.

BUG7471 LCD device create failed.

BUG7472 LCD device open failed.

BUG7473 CP SIO bad channel number.

BUG7474 CP SIO failed to create “/sio/0.”

BUG7475 CP SIO failed to create “/sio/1.”

BUG7476 CP SIO failed to open “/sio/0.”

BUG7477 CP SIO failed to open “/sio/1.”

BUG7478 OS x: CP SIO h/w init failed for all ports.

BUG7479 LAN address setup failed.

BUG7480 LAN init failed.

BUG7481 Reboot server init failed.

BUG7482 OS x failed to open y.

Action: Reinstall “diskos.sym.”

BUG7483 OS x y file too small.

Action: Reinstall “diskos.sym.”

BUG7484 OS x y has wrong internal format.

Action: Reinstall “diskos.sym.”

BUG7485	OS x failed to load y. Action: Reinstall "diskos.sym."
BUG7486	OS x y may not match "diskos" loaded from z. Action: Check floppies in floppy drives.
BUG7487	OS x y does not match "diskos" loaded from z. Action: Check floppies in floppy drives.
BUG7488	SEC Cartridge check failed. Check SEC Cartridge. Proceeding without File System.
BUG7489	Attempt to select IOP/CMDU failed. File System may not be accessible. Action: Check IOP/CMDU. Use MAN INIT when ready.
BUG7490	Failed to open a. reinstall 'diskos.sym'.
BUG7491	A file has wrong internal format. reinstall 'diskos.sym'.
BUG7492	A file has wrong internal format. reinstall 'diskos.sym'.
BUG7493	Failed to load a. reinstall 'diskos.sym'.
BUG7494	A may not match "diskos" loaded from b. Action: Check floppies in floppy drives.
BUG7495	A does not match "diskos" loaded from b. Action: Check floppies in floppy drives.
BUG7496	Failed to find the IOP. Action: Reseat or replace IOP. Check that IOP enable/disable switch is enable (up).
BUG7500	SIO failed to create siodrv.
BUG7501	SIO failed to hardware init siodrv.
BUG7502	SIO bad channel number x.
BUG7503	SIO bad address of SIO DEV x.
BUG7504	SIO installing siodrv.

BUG

BUG7505	SIO x on IOS list but not marked created.
BUG7506	SIO x marked created but not on IOS list.
BUG7507	SIO x failed tydevinit.
BUG7508	SIO x failed iosdevadd.
BUG7509	SIO x is not marked created.
BUG7510	SIO x hardware init on side y failed.
BUG7511	SIO x attribute load on CP side y failed.
BUG7512	SIO x is not marked initialized.
BUG7520	SIO x is not marked initialized.
BUG7540	Failed to install TOD ISR.
BUG7541	Time and data parameters are out-of-range.
BUG7542	Failed to create tod24 sems.
BUG7543	Failed to spawn tod24 task.
BUG7544	Corrupted entry x in midnight list.
BUG7545	Stuck in update mode. Cannot access Time and date data.
BUG7546	TOD 24 invalid job name.
BUG7547	TOD 24 malloc.
BUG7548	TOD 24 x bad entries in the TOD 24 list. Use TOD24Show from PDT.
BUG7560	SIMM out-of-range on side x.
BUG7561	SIMM out-of-range in slot x.
BUG7562	SIMM out-of-range array size x.
BUG7563	SIMM out-of-range SIMM type: b.
BUG7580	RST: Remote access timed out.

Action: Change to SINGLE mode. Check to make sure that CP to CP cable is properly connected, and that power on remote side is not faulty. Also make sure

remote CP board is seated.

BUG7581 Number of SIMMs on both sides does not match.

Action: Be sure both sides have the same number of SIMMs installed. Verify the number of good SIMMs in the system by verifying the SYS702 messages received during cold start.

BUG8927 TNTRANS failed.

BUG8928 Tone CR cannot be retrieved.

BUG8930 GPT Integrated Digital Access.

The format of the message is BUG8930: xxxx, where xxxx is one of the following codes:

2009 Invalid DTSL/DDSL timeout

2010 DTSL/DDSL pointers are already set up

2011 Invalid source in DASS_MAINTENANCE

2012 DASS_MAINTENANCE — invalid timeout

2013 DASS_MAINTENANCE — channel configuration is not DPNSS

2014 DASS_MAINTENANCE — DTSL not in polling table

2015 DASS_MAINTENANCE — FORCEDISCONNECT failed

2016 DASS_MAINTENANCE — ENABLE-STN failed

2100 DASS_DPNSS_CALL — a DPNSS1 input with an unrecognized message group has been received

2101 DASS_DPNSS_CALL — an undefined call control has been received

2102 DASS_DPNSS_CALL — an RM has been received in an invalid state

2103 DASS_DPNSS_CALL — an unsupported message has been received

2104 DASS_DPNSS_CALL — an ISRM has been received in an invalid state

2105 DASS_DPNSS_CALL — a CCM has been received in an invalid state

2106 DASS_DPNSS_CALL — a NIM has been received in an invalid state

2107 DASS_DPNSS_CALL — a CRM has been received in an invalid state

2108 DASS_DPNSS_CALL — a NAM has been received in an invalid state

2109 DASS_DPNSS_CALL — a SSRM has been received in an invalid state

2110 DASS_DPNSS_CALL — a RRM has been received in an invalid state

- 2111 DASS_DPNSS_CALL — an undefined EEM has been received
- 2112 DASS_DPNSS_CALL — an EEM has been received in an invalid state
- 2113 DASS_DPNSS_CALL — a SCRM message has been received. This message is invalid.
- 2114 DASS_DPNSS_CALL — a SCIM message has been received. This message is invalid.
- 2115 DASS_DPNSS_CALL — an undefined LLM message has been received
- 2116 DASS_DPNSS_CALL — an LLM has been received in an invalid state
- 2117 DASS_DPNSS_CALL — an LLRM message has been received. This message is invalid
- 2119 DASS_DPNSS_CALL — a timer has expired in an invalid state
- 2120 DASS_DPNSS_CALL — a digits have been received from a set in an invalid state
- 2121 DASS_DPNSS_CALL — an extension has answered in an invalid state
- 2123 DASS_DPNSS_CALL — an invalid input has been received in an invalid state
- 2126 DASS_DPNSS_CALL — the EOD timer has expired in an invalid state
- 2127 DASS_DPNSS_CALL — an attempt has been made to set up both transit channels on a non-transit connection and has failed
- 2129 DASS_DPNSS_CALL — CRPTR is NIL
- 2131 DASS_DPNSS_CALL — a procedure has been called with an invalid source parameter
- 2133 DASS_DPNSS_CALL — an attempt to start an invalid timer has occurred
- 2134 DASS_DPNSS_CALL — a unable to set up route data pointers
- 2135 DASS_DPNSS_CALL — an attempt to set up an invalid CLC
- 2137 DASS_DPNSS_CALL — invalid TNTRANS
- 2145 DASS_DPNSS_CALL — extension has been cleared during the extension clear down sequence
- 2147 A global procedure has been called that is not valid for a DPNSS call
- 2149 DASS_IO — a TNTRANS has failed in EMPTY_LLM_QUEUE
- 2151 A channel state is out-of-range2152 A supplementary information string is out-of-range
- 2153 An undefined CLC string has been received

- 2155 Invalid number of parameters in CLC
- 2156 DASS_OUTPUT — Invalid SOURCE_DATA parameter
- 2158 DASS_TO_TNTRANS has failed2159 DASS_IO_ — No messages to be queued
- 2160 DASS_IO — Message queue is full, queue has been cleared of all messages that contain the same group and type code as the clearout message
- 2161 DASS_IO — No Call Register is available for queuing messages
- 2162 DASS_IO — Request to collect invalid messages has been receivedmessages must be EEM(I) or LLM(I)2163 DASS_IO — Character cannot be stored in queue because the queue size is zero
- 2164 CHK_INFO_STRINGS — all to store message that is not an ISRM(I) or ISRM(C)
- 2165 FORMAT_DASS_MSG — Invalid SOURCE parameter
- 2166 FORMAT_DASS_MSG — ITEMPTTR parameter is NIL
- 2167 FORMAT_DASS_MSG — Supplementary information string is out of range
- 2168 FORMAT_DASS_MSG — ITEMPTTR parameter is NIL
- 2169 FORMAT_DASS_MSG — Message size exceeds 45 bytes
- 2171 DASS_INUT — A message has been received that is not valid for DASS2
- 2323 NEXT_CHARACTER — An incomplete ICI/SCI has been encountered at the end of the linked list of Call Registers
- 2330 DASS_DPNSS_CALL — DDC called to handle a DASS2 message in an invalid state
- 2331 DASS_DPNSS_CALL — DDC called to handle a DASS2 message on a channel configured as DPNSS1
- 2332 DASS_DPNSS_CALL — Unable to set up route pointers for a DASS2 channel
- 2333 DASS_DPNSS_CALL — REPEAT_MSG or REPEAT_ISRM called with a DASS2 channel involved
- 2334 DASS_DPNSS_CALL — DDC called to send a NIM on a DASS2 channel
- 2335 DASS_DPNSS_CALL — DDC called to send an EEM on a DASS2 channel
- 2336 DASS_DPNSS_CALL — DDC called to send an LLRM on a DASS2channel
- 2337 CONFIG_ALL — DTS/DDSL type is specified as being something other than a PRIVATE or PUBLIC link

2338 SET_CHAN_FLAGS — A lap with a number greater than 31 has been started by level 3 on a PUBLIC network link

2339 SCCM_MI2_WRITE — A set channel configuration message with a lap number greater than 31 has been sent from level 3 to level 2 on a PUBLIC network link

2340 CHAN_STARTUP — A channel status change message with a lap number of greater than 31 has been sent from level 2 to level 3 on a PUBLIC network link

2341 SET_UP_CONFIG — A set channel configuration message containing DASS2 signaling channels has been sent from level 3 to level 2 on a PRIVATE network link

2342 VALID_CHAN — A lap number of greater than 31 is being started on a PUBLIC network link

2343 CONFIG_ALL_PUB — A virtual channel has been configured on a PUBLIC network link

2456 DT_DASS_INPUT — A message has been received on a DPNSS/DASS link that is not configured for DA signaling

2521 Empty SSRM message has been sent on a none specified MERCURY route

8000 Not a DASS2 DTSL/DDSL

8030 Invalid MAINPM returned by DIGPROC

8031 TNTRANS on ORIGTN failed

8032 Invalid TERTYPE

8033 TNTRANS on TERTN failed

8034 Invalid call without TERTYPE

8035 Conference with less than 3 parties

8036 Unable to ring member of group DN

8040 Route pointers could not be set up

8050 Invalid procedure call — called with IDA TN

BUG8934 ICP: This TN should have CFW configured.

BUG8935 ICP: This CUST should have a common printer defined.

BUG8936 ICP: the TEN should have a common printer defined.

BUG8937 Invalid AUX_PM state. Procedure ICP_DNS_ACTION.

BUG8938	Case out-of-range in ICP task number n.
BUG8939	ICP_TASK out-of-range in global pd.
BUG8940	Invalid outgoing message for ICP. Message doesn't start with ASCII character STX. First_Char, Link Number. Procedure ICP_TRANSMIT.
BUG8941	Invalid input source to LD 51 (ICU). SOURCE. Procedure MAINY_ICU.
BUG8942	A call is made to a procedure which is used by APL and not by ICP. Output: apl_source, invalid_type, invalid_data, link_number. Procedures handle_ack, handle_nak invalid_type = 3 invalid_data = 0 - send ACK0/NACK0 signal invalid_data = 1 - send ACK1/NACK1 signal invalid_data = 2 - send NAK Procedure handle_128ms_to invalid_type = 1 invalid_data = output link_status Procedure read_and_send invalid_type = 8 invalid_data = 1 - transmitted invalid_data = 2 - retransmit link_status = 0 - down link_status = 1 - idle link_status = 2 - APL transmit link_status = 3 - wait ACK link_status = 4 - APL retransmit link_status = 5 - ICP transmit apl_source = 0 - output timer has expired apl_source = 1 - input timer has expired apl_source = 3 - link audit apl_source = 4 - link status

apl_source = 5 - update link timers
apl_source = 6 - link message to output queue
apl_source = 7 - remove message from output queue
apl_source = 8 - disable transmit function
apl_source = 9 - link process ID
apl_source = A - allocate Call Registers
apl_source = B - send message to application
apl_source = C - send message to link
apl_source = D - receive one character
apl_source = E - enable ICP link

BUG8943 There is no Call Register available. Procedure icp_asm_packet (receive) output: qu_aplip = 0017, link number. Procedure icp_send_msg (transmit) output: ic_msg_type.

BUG8944 APL output queue overflow. Procedure link_apl_oq output queue_length, link number.

BUG8945 ICP link number out of rang (0-15). Procedure icp_resources_ok output: ic_link_no.

BUG8946 Message type out-of-range. Procedures icp_send_msg, icp_resources_ok and icp_msg_build output: ic_msg_type.

BUG8947 APL input queue full. Procedure icp_asm_packet output: queue length. BUG8948

BUG8948 Message too long. Procedures icp_msg_to_buf, icp_rec_input, icp_asm_packet output: link number.

BUG8949 Invalid Intercept recipient.

BUG8950 Attempt to light change status on invalid fixed lamp.

BUG8951 Unit type other than Attn has called Console_Display.

BUG8952 Invalid Attn lamp number passed to pd AttnLamp.

BUG8953 Setcustptrs failed.

BUG8954 Setattnprts failed.

BUG8955 Invalid input from DCON (pd Handle_B5).

BUG8956	Invalid input from DCON (pd Handle_B3).
BUG8957	Invalid input from DCON (pd Handle_B2).
BUG8958	Invalid input from DCON (pd Handle_B1).
BUG8959	Invalid input from DCON (pd Handle_B0).
BUG8960	Invalid input from DCON (pd Handle_CMD_A).
BUG8961	SPCE is activated when FFC is restricted.
BUG8962	FFC Handler was called with an invalid FFC type.
BUG8963	Electronic Lock (ELK) password length is out-of-range. Your data may be corrupted.
BUG8964	You have entered an invalid DN type for the ELK feature, at this point.
BUG8965	The password stored is invalid (wrong length).
BUG8967	Wrong Trunk type in Periodic_Clear.
BUG8968	Wrong TN in Periodic_Clear.
BUG8969	Invalid case to Periodic_Clear.
BUG8970	A Buffered PPM with a read request still pending is being idled. The DN will not be charged. Trunk TN, Trunk PPM, PPM_BITS and PPM_CALLED_BITS are printed. Procedure IDLETRUNKS.
BUG8971	Attempt to write a protected bit field for the specified bit offset and bit width do not fit within one 16 bit word. - Pd. WRITEPBITS.
BUG8972	Procedure IDLECR: The CR being IDLED still has CDR CRs Attached. PPM module is called to print these CDR Call Register(s). For each CDR CR, the return address stack is printed in the second line, and the CDR record number is printed. Received pulses maybe charged to the wrong meter.
BUG8973	When the PPM trunk is involved, interpositional call is not allowed. The other attendant CR of loop key is ignored. Procedure FIND_CHGEE_CONF
BUG8974	Procedure PPM_XFERCDR: either CRPTR or PPM_CRPTR is found to be nil. When attempting to transfer the CDR Call Register from one CR to another, one of the CRs was found to be nil.
BUG8975	PLMRPTR is nil.

BUG

BUG8987	You must have the SPRE feature defined to use FFC.
BUG8988	DTI2_CALL_TYPE with .COS_NAP should not be making outgoing calls.
BUG8989	Invalid case for D2TRK module.
BUG8990	Invalid software DTI2 trunk state detected.
BUG8991	Invalid DTI2 signal type requested by software.
BUG8992	DTI2 invalid TN.
BUG8993	TBAR - route pointers could not be set.
BUG8994	TBAR - desired ART pointer is NIL.
BUG8995	DTI2_HANDLER source out-of-range.
BUG8996 g loop	DTI2 - CH_TN convert failed. g = group.
BUG8997	DTI2_HANDLER DTI2_O_ABCD or DTI2_I_ABCD Invalid signal type requested by the software.
BUG8998	DTI2_HANDLER CONVRT_TIME_UNIT. Time unit out-of-range.
BUG8999	DTI2 - Analog procedure called for Digital Trunks. Outputs TN and Global Number
BUG9000	Global procedure PTU, returned invalid value. Module: MFC. Procedure: ACTV_UPF_CNI_PTU. Action: Contact the distributor.
BUG9001	Procedure called with an invalid source. Module: MFC. Procedure: PTU. Action: Contact the distributor.
BUG9002	Different values returned when procedure called twice in the same timeslice with the same parameters (for early check traffic pegging purposes). Module: NARS. Procedure: NARS_FIND_ROUTE. Action: Contact distributor.
BUG9003	The parameters sent are incorrect; either the unprotected route pointer is NIL, or the value assigned to the TRK_BUSY_BIT is incorrect (must be zero or one). Note: The parameters are printed in the BUG message. Module: TRK. Procedure: UPD_TRK_BUSY_BIT.

Action: Contact distributor.

BUG9004 An attempt was made to increment or decrement the idle trunk counter beyond its allowable range (0 - 254). Procedure: UPD_TRK_BUSY_BIT.

Action: Contact distributor.

BUG9005 Procedure is called during a PTU early check. Procedure: DIGPROC.

Action: Contact distributor.

BUG9006 Task spawn failed.

Action: If problem persists, initialize the switch. If problem continues, contact NT support.

BUG9007 A CDR call register has timed out after 5 minutes while waiting for PPM information from the trunk. That call register is idled.

BUG9008 Error occurred writing Alarm Management Database.

Action: Check the file and the hard disk.

BUG9009 Cannot make a Backup of the existing Alarm Management Database.

Action: Check the file and the hard disk.

BUG9010 Cannot close Alarm Management Database file.

Action: Check the file and the hard disk.

BUG9011 Cannot create/open Alarm Management Database directory.

Action: Check the file and the hard disk.

BUG9012 Cannot create Alarm Management Database directory.

Action: Check the file and the hard disk.

CCED—Core Common Equipment Diagnostic (LD 135)

CCED messages

CCED0000	No errors detected.
CCED0001	Invalid command. Action: Check and re-enter the command.
CCED0002	Invalid device name. Action: Check and re-enter the device name.
CCED0003	Extra arguments. Action: Check the command and re-enter it.
CCED0004	Insufficient arguments. Action: Check the command and re-enter it. You may need to be more specific (side and slot, for example).
CCED0005	That device is already enabled.
CCED0006	That device is already disabled.
CCED0007	Core side numbers can only be 0 or 1. Action: Check and re-enter the command.
CCED0008	Invalid slot number. Action: Slot numbers must be 8-12
CCED0009	Specified device is not configured, and not responding.

Action: Configure the device using the appropriate overlay, and re-enter the command.

CCED0010 Specified device does not respond.

Action: Be sure the device exists, and re-enter the command.

CCED0011 Specified device is not configured.

Action: Configure the device using the appropriate Overlay, and re-enter the command.

CCED0012 Unable to make the transition to split mode. The test is aborted.

CCED0013 Performing diagnostics.

Action: Wait for test completions before continuing.

CCED0014 Test failed because the system is unable to enter Split mode.

CCED0015 Operation failed because the system is only recognizing 1 CPU.

CCED0016 Invalid operand.

CCED0017 Unable to restore redundancy.

Action: Wait for test completions before continuing.

CCED0018 Secondary side unable to complete test. Sysload the secondary CPU. This allows the primary CPU to re-synchronize disks.

CCED0020 Cannot enter Split mode when disks are not synchronized.

Action: Refer to LD 137 to re-synchronize disks.

CCED0021 Cannot perform SHDW command from CP running call processing.

CCED0022 Cannot use SHDW command without using the SPLIT command first.

CCED0023 Cannot perform TEST when primary SIMM is faulty. Switch Cores (SCPU) and try again.

CCED0024 Cannot perform TEST when secondary SIMM is faulty.

Action: Switch Cores (SCPU) and try again.

CCED0025 Command is not applicable to single CPU system.

CCED0100 Error clearing major alarm.

CCED0101	Unrecognized customer number. Action: Be sure to use the correct customer number and try again.
CCED0102 x	Unable to clear the alarm for customer x.
CCED0200	CPU test failed. Action: Check the CP card.
CCED0201	SRAM test failed. Action: Check the CP card.
CCED0202	HPM test failed. Action: Check the CP card.
CCED0203	SRA test failed. Action: Check the CP card.
CCED0204	BIC test failed. Action: Check the CP card.
CCED0205	CMB test failed. Action: Check the CP card.
CCED0207	DUART test failed. Action: Check the CP card.
CCED0208	TOD test failed. Action: Check the CP card.
CCED0209	PEROM test failed. Action: Check the CP card.
CCED0210	LCD test failed. Action: Check the CP card.
CCED0211	ASIC ICC test failed. Action: Check the CP card.
CCED0212 x	SIMM number x failed self test.

CCED0213	Operation failed because the system is in maintenance mode.
CCED0214	Cannot switch Cores (SCPU) because the secondary Core is faulty.
CCED0215	Unable to perform switchover.
CCED0216	Unable to lockout graceful switchover possibility. Action: Try again.
CCED0217	Cannot switch Cores (SCPU) because the core shelf resource is in use. A critical core shelf resource was being accessed when the SCPU command was entered. Action: Try again.
CCED0218	Cannot switch Cores because the standby core resource has a fault. One of the standby IPB devices has a fault. Use the STAT CNI, STAT CPU, and STAT MEM commands to identify the fault.
CCED0219	Cannot switch Cores (SCPU) because the standby net resource has a fault. One of the network shelves has a fault. Use the appropriate overlays to identify.
CCED0220	Cannot switch Cores (SCPU) because the system is not in redundant mode. The system is currently running in single mode, so the SCPU command failed. Check the standby Core, CP to CP cables, and MAINT/NORM switches. Reset the secondary Core to restore redundancy.
CCED0221	Cannot SCPU because the memories are not synchronized. Action: Wait a minute and try again.
CCED0222 x	Fault found during SCPU. System returned to side x.
CCED0300	Invalid SIMM number.
CCED0304	Memory test successful. All secondary SIMMs enabled.
CCED0305	Memories are not synchronized. Action: Wait one minute and try again.
CCED0400	Port numbers can only be 0 or 1.
CCED0401	Cannot disable the CNI when is active and in service.
CCED0402	The far end extender did not respond and cannot be enabled. Action: Be sure the remote extender is available and try again.

CCED0403	Cannot enable the port when the card is disabled.
CCED0404	Cannot enable a port that does not have a group configured. Action: Use LD 17 to configure a group before enabling this port.
CCED0405	Cannot test the CNI card that is active and in service.
CCED0407w x y z	Cannot enable CNI card/port w x y because of reason z. For CNI cards, w =side and x = slot. For CNI ports, w =side, x = slot, and y = port. Reason z may be one of the following. 8 = Unconfigured CNI. 9 = Port has been disabled by craftsperson. 10 = Device is not accessible. 16 = CNI to 3PE cable 1 on specified card and port lost. 17 = CNI to 3PE cable 2 on specified card and port lost. 18 = 3PE power lost. 19 = 3PE has been manually disabled. 20 = CNI card has been manually disabled. 21 = Card test failed. 22 = Port test failed. 23 = INI disabled network. 24 = READY interrupt is stuck for this group. 25 = I/O interrupt is stuck for this group. 26 = LINE interrupt is stuck for this group. 27 = CNI maintenance interrupt is stuck for this group.
CCED0408 w x y	Will attempt to enable CNI card/port at the next switchover. The CNI card or port has been noted as enabled. Because it resides on the standby side, it cannot actually be enabled until the standby side becomes active. For CNI cards, w =side and x = slot. For CNI ports, w =side, x = slot, and y = port.
CCED0409 x	x loopback data errors on the MSB. Check the CNI.
CCED0410 x y z	Event interrupt 0 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0411 x y z Event interrupt 1 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0412 x y z Event interrupt 2 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0413 x y z Event interrupt 3 test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0414 x y z BIC test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0415 x y z Loopback address errors. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0416 x y z Loopback parity test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0417 x y z Loopback address parity invert errors. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0418 x y z Loopback data errors on LSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0419 x y z Loopback data errors on MSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

CCED0420 x y z Loopback data parity errors on LSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)

Action: Check the CNI.

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- CCED0421 x y z Loopback data parity errors on MSB. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)
Action: Check the CNI.
- CCED0422 x y z Event interrupts occurring out of sequence. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)
Action: Check the CNI.
- CCED0423 x y z Event interrupts lost. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)
Action: Check the CNI.
- CCED0424 x y z Event interrupts timeout test. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)
Action: Check the CNI.
- CCED0425 x y z Read strobe test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)
Action: Check the CNI.
- CCED0426 x y z Write strobe test failed. Where: x = side (0-1), y = slot (8-12) and z = port (0-1)
Action: Check the CNI.
- CCED0427 x y z a CNI port x y z a incorrect. Restored. Where: x = side (0-1), y = slot (8-12), z = port (0-1) and a = EI.
Action: Check the CNI.
- CCED0428 x y z a CNI port x y z is in incorrect mode. Restoring to a mode. Where: x = side (0-1), y = slot (8-12), z = port (0-1) and a = mode.
- CCED0429 x y z CNI port x y z remote device (3PE) is not accessible. Where: x = side (0-1), y = slot (8-12), and z = port (0-1).
Action: Check both connector ends of the CNI-3PE cable. Be sure the 3PE enable/disable switch is enabled. (up).
- CCED0500 IPB IRQ test failed. This may indicate a failure on the CP card.
- CCED0501 IPB master arbitration test failed. This may indicate a failure on the CP card.
- CCED0502 IPB event interrupt failed. This may indicate a failure on the CP card.
- CCED0503 x IPB backplane parity test failed.
Action: Contact your technical service support.
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CCED0505 x	Fiber hardware does not exist. Action: Check if Fiber Daughter Board is plugged in properly.
CCED0506	Fiber pack failed loop back test. Action: Check if the Fiber Receiver Pack and cable are installed properly. Might have to replace the Fiber Daughter Board.
CCED0507	Cabinet has not been disabled. Action: LD32 and DISS the cabinet
CCED0508	The fiber pack has not been disabled. Action: Disable the fiber pack.
CCED0509	Cabinet is out of range. Action: Re-enter the cabinet number
CCED0760	Graceful switchover to side x requested.
CCED0761	Ungraceful switchover to side x requested.
CCED0762	Graceful switchover to side x completed. Previous graceful switchover at {time}.
CCED0999	LD 135 internal error in file {name} at line {number}.

CDM—Call Detail Recording Diagnostic (LD 40, LD 42)

The Call Detail Recording (CDR) feature outputs call records to a single, or multi-port, tape drive storage system. The tapes are processed to produce billing reports.

The CDM programs (LD 40 and LD 42) test the link and the external storage system. The CDM messages indicate problems with the CDR storage system and are output in response to commands issued in LD 42.

Some CDM messages contain the following output data. The hexadecimal number must be translated into a binary number (see **HEX**).

S = Status — This is the status of the CDR system. It contains 4-digit hexadecimal numbers. Each bit indicates the presence (1) or absence (0) of a fault.

- bit 15—busy
- bit 14—parity error
- bit 13—multi-track error, bad preamble or postscript
- bit 12—single track error
- bit 11—tape mark detected
- bit 10—identification burst detected
- bit 9—not ready status
- bit 8—tape is write protected
- bit 7—load point
- bit 6—end-of-tape
- bit 5—rewinding
- bit 4—off-line
- bit 3—unexpected interrupt
- bit 2—incorrect length
- bit 1—read-back (echo) check failed
- bit 0—timeout

U = Unexpected — This is any unexpected interrupts or faults. It contains 4-digit hexadecimal numbers. Each bit indicates the presence (1) or absence (0) of a fault.

bit 15—timer interrupt

bit 14—not-ready interrupt

bit 13—write warning

bit 12—read warning

bit 11—end-of-block

bit 10—not used

bit 9—ready interrupt

bit 8—queue won't fill

bit 7—position change but no load point or end-of-tape

bit 0-6—not used

F = Function — This is a fault condition. It contains 4-digit hexadecimal numbers. The last digit indicates the fault type as follows:

- 0—software status
- 1—write identification burst
- 2—write tape mark
- 3 —write data block
- 4 —read
- 5—read-back (echo) check
- 6—skip
- 7—erase gap
- 8—erase to end of tape
- 9—backspace
- A—rewind
- B—unload
- C—terminate previous function

CDM messages

CDM0000	Call Detail Recording Diagnostic Program (LD 42) identifier.
CDM0001	Invalid command. Check and re-enter.
CDM0002	Invalid operand, too many operands or operand out-of-range. Action: Check command and operands; re-enter.
CDM0010	Invalid operand, too many operands or operand out-of-range. Action: Check command and operands; re-enter.
CDM0011 x	Device x is not a link or it is disabled or unequipped. Action: Use STAT N command to check state of device.
CDM0012 x	The echo test failed on link x. If the CDR machine is running and indicates no unusual conditions in its maintenance display, then something in the communication channel between the SL-1 machine and CDR is faulty. It could be a faulty SDI, modem, cable or line, or the option plug on the SDI pack may be in the wrong position. Action: If modems are involved, the fault may be isolated by setting the loop back switches (if present) and using the ECHO command to perform the ECHO test. Having isolated the fault as much as possible, the remaining equipment should be replaced one by one until the fault is cleared.
CDM0013 X	Link x has timed out or it had a transmission error 3 times in a row. This message may occur in response to a command that requires communication between CDM and the CDR machine, or it may occur while CDM is trying to keep the CDR machine in maintenance mode. The command requested was not performed because of a transmission error on the link. This will also occur if the CDR machine is not responding. Very occasional transmission errors are acceptable and should be ignored. Action: Reissue the command. If the problem recurs, the ECHO command may be used to test the link. To check if CDR is responding, press the RESTORE button. The tape should move backwards a short distance then forward again.
CDM0014	This command may not be issued unless the PORT command has been used to set the port to which it applies.
CDM0015	Invalid hexadecimal digit was output.
CDM0016	This command is only permitted from a TTY.

CDM

Action: Login on a TTY to use the command.

- CDM0017 x Maintenance request was rejected by item at end of link x.
Action: See the description of CDR maintenance mode in LD 40,42. Either maintenance mode timed out and hence CDR is no longer in maintenance mode. If it occurred when the GET command was issued, the device at the end of the link is not a CDR machine. If the device is not a CDR machine, then CDM may not be used to perform maintenance on it except for the ECHO command.
- CDM0018 Maintenance mode is already set. The command is ignored.
- CDM0019 This command cannot be issued unless maintenance mode is set.
Action: See the description of maintenance mode in LD 40,42.
- CDM0020 The device is not of the type specified or the device is not equipped.
- CDM0021 Device is already enabled.
- CDM0022 The device did not respond.
Action: Check that the address switches are set correctly and that the pack is enabled. Otherwise, the pack is faulty.
- CDM0023 The device has a permanent interrupt. The pack is probably faulty.
- CDM0024 You have attempted to disable the TTY you are using.
Action: Log onto another TTY or use a maintenance SL-1 telephone to disable the TTY.
- CDM0025 Unable to obtain CDR call register. The LINK was not enabled.
Action: Retry command. If problem persists, call registers have been lost or system is under-engineered.
- CDM0026 x s u The tape unit is not ready, off-line or rewinding on link x.
Action: Correct the problem and retry the command. If none of the above caused the message, a fault is indicated in the QPC130 CDR Tape Control pack, cables or tape unit. See Summary for output codes.
- CDM0027 x s u The tape did not rewind correctly on link x. The fault is in the tape, QPC130 pack, cables or tape unit. See Summary for output codes.
- CDM0028 x Write protect status was returned on link x.
Action: Ensure that the write enable ring is installed and that the write enable

light on the drive is lit. If the problem persists, suspect a fault in the QPC130, cables or tape drive.

CDM0029 x s u The write ID burst function failed on link x.

Action: Retry the command. If the problem persists, the drive may need cleaning or a fault is indicated in the tape, QPC39 Timing pack, QPC130, cables or tape drive. See Summary for output codes.

CDM0030 x s u Erase gap function failed on link x. The drive may need cleaning or a fault is indicated in the tape, QPC39, QPC130, cables or tape drive. See Summary for output codes.

CDM0031 x s u Load point status was returned when it should not have been. This problem could be caused by an extra or damaged load point marker on the tape. Repeat the test with a different scratch tape. If the fault persists, suspect the QPC130, QPC39, cables or tape unit. See Summary for output codes.

CDM0032 x s u EOT status was returned by the tape unit when it should not have been. An extraneous EOT marker may be on the tape.

Action: Retry command with a different tape. If the problem persists, a fault is indicated in the QPC130, cables or tape drive. See Summary for output codes.

CDM0033 x s u An unexpected interrupt occurred on link x. The fault could be in the tape, QPC39, QPC130, cable or tape drive. See Summary for output codes.

CDM0034 x s u The function timed out on link x. The fault could be in the tape, QPC39, QPC130, cables or tape drive. See Summary for output codes.

CDM0035 x p h s r This is the number of each type of error that occurred during the test command on link x. If all the counts are zero, the test passed.

p = parity. Parity errors should almost never occur. They indicate an error in the transmission of data between the tape unit and the interface pack. Retry the commands. If the errors persist the fault is in the QPC130, the cables connecting the interface to the drive or the tape drive.

h = hard write. These errors should almost never occur. They indicate severe problems. Retry the command. If the errors persist, a fault is indicated in the tape, QPC130, QPC39, cables or tape unit.

s = soft write. Occasional soft write errors are acceptable. These are usually caused by faults on the tape or a dirty drive. If the problems persist after cleaning the drive and ensuring that a good tape is being used, the fault is probably in the QPC39, QPC130, cables or tape drive.

r = read. These errors are about as serious as soft write, and usually have the same causes.

CDM0036 x s u ID burst detection failure. When the tape was read, the ID burst was not found where it was expected.

Action: Retry the command. If the trouble persists, the fault is in the tape, QPC39, QPC130, cables or tape drive. See Summary for output codes.

CDM0037 x CDR machine attached to port x is in maintenance mode for some other SL-1 machine.

Action: The GET command will not work until the other SL-1 frees the CDR machine from maintenance mode. Wait for the CDR machine to be freed from maintenance mode by the other SL-1.

CDM0038 ENL SL1 M and DIS SL1 M commands are invalid for single-port CDR machines.

CDM0039 ENL SL1 M and DIS SL1 M commands are invalid for 8K CDR machines.

CDM0040 ENL SL1 M failed to enable the requested SL-1 port on the multi-port CDR machine.

Action: Check to make sure that M corresponds to the device address switch setting on the new QPC139 port. Check the maintenance display (if any) on the CDR machine. The SL-1 may not be connected to the CDR port indicated by the CDR maintenance display.

CDM0041 DIS SL1 M may have failed to disable the requested SL-1 port on the multi-port CDR machine. Retry the command. If the problem persists, there may be a software problem.

CDM0042 Use LD 37 to enable/disable TTY user of APL, CMC, HSL, or LSL.

CDM0043 Use LD 48 to enable/disable ESDI port.

CDM0044 Use LD 37 to enable/disable PMS link.

CDM0101 x Program was unable to get diagnostic information from CDR link x. The link timed out or had a transmission error 3 times.

Action: Use ECHO test to check link. See comments for CDM013. Minor alarm lamp lit on attendant console.

CDM0102 x c e More than 5 percent of the writes that have been attempted since counts were reset have encountered write errors. Where: c = number of blocks written; e = number of errors occurred.

Action: If write is being successfully written, suspect the tape or intermittent drive fault. If problem continues to occur, the tape heads should be cleaned or the tape changed. Note that with more than 5 percent write errors on the whole tape, the tape will encounter EOT before the 90 percent full indicator is set.

If the tape is not being successfully written, it may have to be unloaded. Refer to the tape fault-clearing procedures.

CDM0103 x t p r Indicates number of TM errors t, parity errors p, and RBC errors r, that have occurred since the counts were reset. This message is printed if one of the counts is nonzero. TM errors indicate possible drive or tape faults.

Action: Clean tape heads and change tape. If problem persists, refer to the tape drive fault-clearing procedures.

Occasional occurrences of this message with small numbers are acceptable. If the numbers are large or the message occurs regularly, a fault is probably present.

Parity errors and RBC errors both indicate drive or interface faults. Replace the QPC130 Tape Interface and/or the cables. If problem persists, tape drive is faulty.

CDM0104 x Tape is 90 percent full on link x. 11,000 blocks have been written onto the tape. (This only occurs with 2400-foot tape reels.)

Action: Change tape.

CDM0105 x Over-temperature has been detected in the CDR cabinet on link x. The CDR machine may be in too warm a location. Minor alarm lamp lit on attendant console.

CDM0106 x Fan failure has been detected in the CDR cabinet on link x.

Action: Check CDR fan operation and filter. Minor alarm lamp lit on attendant console.

CDM0107 x End-of-tape (EOT) was encountered by the drive on link x. The tape has been

Action: Change tape.

CDM0108 x Error counts could not be reset after 3 tries, i.e., counts may not be accurate for the next time the CDR runs. This message should be treated the same way as CDM101. Minor alarm lamp lit on attendant console.

CDM0109 x The system ID could not be set after 3 tries on link x. The system ID on the tape may be incorrect. Message should be treated the same way as CDM101. Minor alarm lamp lit on attendant console.

CDM

CDM0110 t l	Some call records in SL-1 machine have been lost. The total (t) is the number of records created since the counts were reset; and lost (l) is the number that were not recorded. If a CDR port (link or TTY) is disabled, that is probably why the records were lost. If not, the system does not have enough call registers.
CDM0111 x t f	ECHO test has failed (f) times out of tries. Message should be treated the same way as CDM012.
CDM0112 x	CDR link x is disabled so that the automatic tests were not performed. Minor alarm lamp lit on attendant console.
CDM0113 x	An initialize occurred in the CDR on link x. Refer to CDM118.
CDM0114 x	CDR tape drive is in disabled state. No calls are being recorded on tape. Act immediately to minimize number of lost call records. Action: If drive has had a power failure or if there is a fault code on the CDR maintenance display, see 553-2631-510. If tape is unloaded, send tape for processing and mount new tape. Press LOAD button. Respond to any fault codes. Attempt to make the drive ready for use by pressing the RESTORE button. Respond to any fault code.
CDM0115 x	Echo test failed. Link did not finish output.
CDM0116	Program tried to run for more than 20 min. Probably indicates software fault but could also occur if a large number of links are equipped on the system and have faults.
CDM0117 x r	CDM was loaded automatically for fault reason r on link x. The reasons are: a) CDR has detected a fault and requested service b) the error threshold on link was exceeded c) LD 40 was loaded manually
CDM0118 x c fp fa pg pc	This message indicates that an initialize occurred in the CDR machine. Where c is the cause: 8000 response time-out 4000 write protect violation 2000 watchdog timeout 1000 parity error 0800 software trap 0400 power reset

0000 unknown cause.

c may also contain the value of the CDR maintenance display in the right-most 2 digits. See HEX.

That there can be more than one cause for a trap resulting in a error code which is the hexadecimal sum of those shown.

fp = fault page

fa = fault address

pg = page

pc = program counter.

CDM0119 x Link x is disabled and therefore the automatic diagnostics were not performed for it. Minor alarm lamp lit on attendant console.

CDM0120 x c e Where: c = the number of blocks written, e = the number of errors that have occurred. This message should be treated as CDM102.

CDM0121 x m n t l Fault statistics on link x, where:

m = number of different messages processed

n = number of messages not correctly received by CDR

t = the number of messages that timed out at the SL-1

l = number of messages that failed the retransmissions

These counts are reset whenever Overlay 40 is loaded or when the ENL LINK N command is used from Overlay 42. The error message is output only if n or t is nonzero.

Occasional {naks} and {time-outs} counts that do not cause lost messages are probably the result of transient noise on the link and they may be ignored. If messages are being lost, suspect a link fault.

Action: Use ECHO command to test the link.

CDM0122 x s1 u1 f1 s2 u2 f2 s3 u3 f3 Provides statistics for the last 3 tape functions which had errors on link x.

Action: If any other error codes are output, then respond to them. If this is the only error code, then suspect QPC39, QPC130, connecting cables or tape unit to be at fault.

See Summary for output codes s u and f.

CDM

CDM0123 x	The device attached to port x is not a Northern Telecom single-port or multi-port CDR machine. If this error occurs with a standard CDR unit, a software problem may be indicated.
CDM0124 x	During the running of the midnight routines, an attempt to clear accumulated data for this port from memory to tape failed 3 times on link x. Data may remain in memory. This should be treated like CDM101. Minor alarm lamp lit on attendant console.
CDM0125 x	A software fault in the CDR link x has occurred. Minor alarm lamp lit on attendant console.
CDM0126 x m	Because of insufficient memory space, the CDR machine x had to discard m data messages. The discard may occur if the tape drive spends too long not writing. For example, replacing a tape during a period of heavy traffic could cause some data to be lost unless the replacement is executed quickly.
CDM0202	This command is not applicable to the TTY for MSDL, or CPSI cards, and option 81 PTY type.
CDM0203	Failed to setup the global pointers to the SDI data structures.
CDM0204	Failed to setup the global pointers to the MSDL data structures.
CDM0205	The MSDL card is not enabled and operational. Therefore the TTY/LINK can not be enabled. Action: First enable the MSDL card.
CDM0206	The PSDL failed to download the SDI application to the MSDL card. As a result the enable command is not executed.
CDM0207	The enable SDI application response did not arrive from the MSDL card. As a result the enable command is not executed.
CDM0208	The msdl_sdi_maint failed to execute the outgoing request command. As a result the enable command is not executed.
CDM0209	The enable confirm did not arrive from the MSDL command. As a result the enable command is not executed.
CDM0210	The SDI state machine is in an unexpected state. As a result the enable command is not executed.
CDM0211	Cannot disable the MSDL TTY port. Try the disable command again.

CDM0213 Cannot use "DIS TTY #" to disable STA administration terminal.

CDM0214 Cannot use "ENL TTY #" to enable STA administration terminal.

CDM0900 A software fault has occurred in CDM or CDMA.

Action: Retry the command if Overlay 42 is being used.

CIOD—Core Input/Output Diagnostic (LD 137)

The message output format is: CIOD x y z, where: x = side, y = card and z = port

CIOD messages

CIOD0000	Overlay Program 137 has been loaded.
CIOD0001	Invalid command.
CIOD0002	Invalid argument.
CIOD0003	The device number is out-of-range. Enter 0 or 1.
CIOD0004 x	HDK x test failed. The hard disk on CMDU x failed the test. Action: Try the test again. If it fails three times, the CMDU needs to be replaced. Contact your technical service support.
CIOD0005	The requested device cannot be accessed due to a software error.
CIOD0006	That device is already enabled.
CIOD0007	That device is already disabled.
CIOD0008 x	FDK x failed. The floppy disk on CMDU x failed the test. Action: Try the test again. If it fails three times, the floppy drive needs to be replaced. Contact your technical service support.
CIOD0009	Failed to disable device.
CIOD0010	Related data (CMDU status) is mismatched due to a software error.

CIOD0011	IOP test failed. See fault reporting for the reason for the failure.
CIOD0012 x	Cannot access CMDU x because the system is in split mode. System must be redundant before attempting this command.
CIOD0013	The CMDU number is required. Action: Enter 0 or 1 to indicate which device.
CIOD0014	RDUN test failed because the disk contents are not synchronized. Action: Be sure to synchronize disks before attempting RDUN.
CIOD0015	ENL command failed, and device cannot be enabled, because it cannot be accessed. Action: Be sure device is enabled and cables are connected.
CIOD0016	RDUN command failed because the disk redundancy is in disabled state. Action: Enable the disk redundancy before using the RDUN command.
CIOD0017	SYNC command failed because the disk redundancy is in enabled state.
CIOD0018	SYNC command failed because of a software mismatch. Action: Contact your technical service support.
CIOD0019	SYNC command failed. Action: Refer to fault reporting for the reason for the failure.
CIOD0020	SYNC command failed because there is no system resource available at this time. Action: Try again later.
CIOD0021 xx	SYNC in progress. XX% complete. This is a status message. Synchronization may take a long time. This message helps indicate how far along the synchronization is.
CIOD0022XXXX yy	CABLE yy is loose, or CMDU yy is inaccessible. The SCSI test was performed successfully on both sides. The test failed because of a loose cable or inaccessible CMDU. Whichever is applicable is printed. XXXX may be CABL or CMDU:CABL yy means that a cable is loose, or the status is unknown because both CMDUs are inaccessible. CMDU indicates that the CMDU is inaccessible.

- CIOD0023 Unable to switch to inactive CP. The current CP remains active. The SCSI test was performed on the active side only, and the switchover attempt failed. Refer to CIOD024 for active side information.
- CIOD0024 XXXX yy This message is associated with CIOD0023 message to display the cable status and CMDUs accessibility on the active side. The test had failed due to either cable is loose or inaccessible CMDU(s). If CMDU on the inactive side is inaccessible, it could be either CMDU is inaccessible or the cable between IOPs is loose.
- XXXX may be CABL or CMDU. The text string is variable in length and is depending on the parameter list of the failure components. CABL yy indicates cable might be loose which requires further investigation. CMDU yy indicates which CMDU is inaccessible, if applicable.
- CIOD0025 Unable to switch back to active CP. The SCSI test was performed on both side, but the system cannot return to the original active CP. The inactive CP is now active. Refer to CIOD026 for status.
- CIOD0026XXXX yy This message displays cable status and CMDU accessibility for both sides due to the inability to switch back to the original active CP.
- XXXX can refer to CABL, or CMDU. Output may be one of the following:
- CMDU yy indicates which CMDU is inaccessible.
- CABL yy means the cable is loose, or the status is unknown.
- CIOD0027 SCSI test failed because an invalid address was detected for SCSI address 6 or 7.
- Action:** Check the drive and address.
- CIOD0028 No resource is available for overlay input processing.
- Action:** Try again later.
- CIOD0029 Both CMDUs are disabled.
- Action:** Enable a CMDU.
- CIOD0030 Disk redundancy (RDUN) file level check failed. The CMDU and/or disk redundancy cannot be enabled.
- CIOD0031 Abort delayed because a critical write is in progress. The abort will be delayed until the write is complete.
- CIOD0032 **Action:** To issue this command, the IOP must be enabled.

CIOD0033	Action: To test the IOP, it must be disabled.
CIOD0034	Action: To perform the Read/Write test, the CMDU must be enabled.
CIOD0035	That response is not allowed for this prompt. Action: Check the desired response and try again.
CIOD0036 xx	Read test in progress. XX% complete. This is a status message output during an exhaustive read test. This test may take a while, so this message helps keep track of the status.
CIOD0037 xx	Synchronization sector check in progress. XX% complete. This is a status message output during the check. This test may take a while, so this message helps keep track of the status.
CIOD0038	Card ID cannot be read. Action: Reseat or replace the card.
CIOD0039	SYNC command failed because both CMDUs are disabled.
CIOD0040 x	Cannot access CMDU x. Action: Be sure it is enabled, and check cabling.
CIOD0041 x	Unexpected signal x raised, interfering with LD 137. Action: Contact your technical service support.
CIOD0042	Synchronization failed because the system is in split mode.
CIOD0045	To issue the SWAP command, disk redundancy must be enabled.
CIOD0046	Unable to lockout graceful switchover possibility. The switchover was performed while the maintenance command is in progress.
CIOD0100	Valid cable loss. Store current CMDU states.
CIOD0101	SCSI cable reconnected. Cannot restore CMDU states because the IOP is disabled. Action: Re-enable IOP in LD 137 (ENL IOP, ENLT).
CIOD0102	CMDU states previously stored when IOP was disabled.
CIOD0103 x	CMDU x hard disk inaccessible. Cannot restore to standby. Action: Be sure CMDU power is on, and check IOP to IOP cables.

CIOD0104 x	CMDU x hard disk inaccessible. Cannot restore to active. Action: Be sure CMDU power is on, and check IOP to IOP cables.
CIOD0105 x	CMDU x cannot delete hard disk test file.
CIOD0106 x	CMDU x cannot delete floppy disk test file.
CIOD0107	No floppy disk in drive.
CIOD0108	Floppy disk not formatted.
CIOD0109	Floppy disk is Write Protected. Action: Be sure the write protect tab is closed.
CIOD0110 x	SCSI cable missing, both CMDUs are disabled. Action: Check both ends of the IOP to IOP cables.
CIOD0111 x	Valid cable reconnect. Attempting to restore CMDU states.
CIOD0112	Invalid cable loss. Multiple loss messages, states not stored.
CIOD0113	Invalid cable loss. CMDU accessible, states not stored.
CIOD0114 x	CMDU x hard disk has insufficient memory for quick read/write test.
CIOD0115 x	CMDU x floppy disk has insufficient memory for quick read/write test.
CIOD0116 x	CMDU x hard disk cannot open file for quick read/write test.
CIOD0117 x	CMDU x floppy disk cannot open file for quick read/write test.
CIOD0118 x	CMDU x could not read card ID.
CIOD0119 x	CMDU x floppy disk cannot create quick test file.
CIOD0120 x	CMDU x hard disk cannot create quick test file.
CIOD0121 x	CMDU x hard disk input buffer malloc err: quick test.
CIOD0122 x	CMDU x floppy disk input buffer malloc err: quick test.
CIOD0123 x	CMDU x is disabled due to fault monitoring. Action: Test and, if necessary, replace the CMDU.
CIOD0124 x	CMDU x is disabled because IOP to IOP cable loss.

Action: Check both ends of the cable.

CIOD0125 x CMDU x is disabled because the IOP is disabled.

Action: Re-enable the IOP from LD 137 (ENL IOP, ENLT).

CIOD0126 x CMDU x is disabled. Active CP cannot access Standby CMDU because system is in split mode.

CIOD0127 x CMDU x disabled because of exiting Split mode. The standby CMDU remains disabled.

CIOD0128 CMDU x disabled because of a hardware/software mismatch.

Action: Re-enable CMDU from LD 137.

CIOD0129 x CMDU x disabled because it could not access the hard disk. Be sure CMDU power is on.

Action: Check both ends of the IOP to CMDU SCSI cable.

CIOD0130 x CMDU x disabled because of a software mismatch.

Action: Re-enable CMDU from OVL 137 (ENL CMDU 0/1).

CIOD0131 x CMDU x restored to standby because the IOP was enabled.

CIOD0132 x CMDU x restored to active because the IOP was enabled.

CIOD0133 x CMDU x restored to standby.

CIOD0134 x CMDU x restored to active.

CIOD0135 x CMDU x is standby due to switchover.

CIOD0136 x CMDU x is active due to switchover.

CIOD0137 x CMDU x is standby due to warm start.

CIOD0138 x CMDU x is active due to warm start.

CIOD0139 x CMDU x is standby due to cold start.

CIOD0140 x CMDU x is active due to cold start.

CIOD0141 x CMDU x is disabled because it cannot access the hard disk due to cold start.

Action: Be sure CMDU power is on, and cables are in place.

CIOD0142 x	CMDU x is disabled because it cannot access the hard disk due to warm start. Action: Be sure CMDU power is on, and cables are in place.
CIOD0143 x	CMDU x is disabled because it cannot access the hard disk due to switchover. Action: Be sure CMDU power is on, and cables are in place.
CIOD0144 x	CMDU x is active due to cold start (was on standby).
CIOD0145 x	CMDU x is active due to warm start (was on standby).
CIOD0146 x	CMDU x is active due to switchover (was on standby).
CIOD0147 x	CMDU x is active due to fault monitoring (was on standby).
CIOD0148 x	CMDU x is disabled because system cold started in split mode.
CIOD0149 x	CMDU x is disabled because system warm started in split mode.
CIOD0150 x	CMDU x is disabled because system has switched over into split mode.
CIOD0151 x	Cannot restore CMDU x to standby state because system is in split mode.
CIOD0152 x	Cannot restore CMDU x to active state because system is in split mode.
CIOD0153 x	CMDU x active due to IOP enabling (was standby).
CIOD0154 x	CMDU x active due to SCSI cable reconnection (was on standby).
CIOD0155	Both CMDU hard disks are inaccessible Action: Be sure the CMDU power is on, and cables are in place.
CIOD0156	CMDU x became active (was standby).
CIOD0157	INFO: CMDU “a” is ACTIVE, RDUN is “b”.
CIOD0158	CMDU x DISABLED: cannot access hard disk (warm start). Action: Check if CMDU plugged in & powered up.
CIOD0159	CMDU x DISABLED: cannot access hard disk (cold start). Action: Check if CMDU plugged in & powered up.
CIOD0160	CMDU was removed: automatically disabled.
CIOD0161	CMDU still disabled since it is not plugged in.

CIOD0162	CMDU x hdisk inaccessible: cannot restore to ACTIVE. Action: Check if CMDU plugged in & powered up.
CIOD0163	CMDU reinserted: but disabled since IOP disabled.
CIOD0164	Cluster number beyond normal range: {clustNum} {filename}
CIOD0165	Cluster incorrectly terminated: {clustNum} {filename}
CIOD0166	Cluster multiply assigned: {filename}
CIOD0167	File size longer than cluster chain: {fileName}
CIOD0168	Clusters lost in the FAT = {no of lostClusters}
CIOD0169	Illegal file name {oldName}, renamed as {newName}
CIOD0200	Security cartridge is missing or not responding. Action: Be sure the correct cartridge is on the IOP.
CIOD0201	Incorrect response from security cartridge. Action: Be sure it is installed correctly on the IOP.
CIOD0202	The wrong security cartridge was installed. Action: Be sure the correct one is on the IOP.
CIOD0203	Customer ID number mismatch. Action: Be sure the correct security cartridge is on the IOP.
CIOD0204	Machine type mismatch. Action: Be sure the correct security cartridge is on the IOP.
CIOD0205	System type or version number mismatch. Action: Be sure the correct security cartridge is on the IOP.
CIOD0206	System issue number mismatch. Action: Be sure the correct security cartridge is on the IOP.
CIOD0207	Security cartridge data not valid.
CIOD0208	Failed to read security cartridge.
CIOD0300	No IOP object can be created during HI OBJ creation phase.

CIOD0301 x y	IOP x in slot y is not responding. Action: Be sure IOP is enabled. Reseat or replace IOP if necessary.
CIOD0302 x y	IOP x in slot y detects both CMDUs becoming inaccessible. Action: Check both ends of the IOP to IOP cables. Check both CMDUs.
CIOD0303	IOP x in slot y detects either or both CMDUs becoming inaccessible.
CIOD0304	Cannot find IOP database file. Action: Restore database from backup disks.
CIOD0305	IOP x in slot y fails SCSI controller test. Action: Reseat or replace the IOP.
CIOD0306	IOP x in slot y fails to program/enable IOP BIC window. Action: Reseat or replace the IOP.
CIOD0307	IOP x in slot y cannot send message to IOP card. Action: Reinitialize system with manual INIT button.
CIOD0308	IOP x in slot y space manager cannot allocate CSR address. Action: Reload the system with the Manual reload button.
CIOD0309	IOP cannot write to IOP database file. Action: Check CMDU power.
CIOD0310	IOP cannot create binary semaphore for IP.
CIOD0311	IOP cannot create IOP class.
CIOD0312	IOP x in slot y cannot be created.
CIOD0313	IOP x in slot y cannot enable IOP.
CIOD0314 x	IOP Cannot open x database file.
CIOD0315 x	IOP x database file is empty.
CIOD0316 x	IOP release number is not found in x database file. Action: Restore database from backup disks.
CIOD0317 x y	IOP x in slot y security cartridge test failed.

Action: Reseat or replace security cartridge.

CIOD0318 x y IOP x in slot y fails to take SCSI low level semaphore.

CIOD0319 x y IOP x in slot y fails to give SCSI low level semaphore.

CIOD0320 x y IOP x in slot y fails to take SCSI high level semaphore.

CIOD0321 x y IOP x in slot y fails to give SCSI high level semaphore.

CIOD0322 x y IOP x in slot y timeout waiting for response from control register test.

Action: Reseat or replace the IOP.

CIOD0323 x y IOP x in slot y BIC test failed.

Action: Reseat or replace the IOP.

CIOD0324 x y IOP x in slot y timeout waiting for response from BIC test.

Action: Reseat or replace the IOP.

CIOD0325 x y IOP switchover graceful call failed with retCode n.

CIOD0339 x y IOP x in slot y SCSI cable test failed.

Action: Check software. Check both ends of the IOP to IOP SCSI cable and both CMDUs.

CIOD0341 x y IOP x in slot y fails to get IOP general register.

Action: Reseat or replace the IOP.

CIOD0343 x y IOP x in slot y fails to get general register.

Action: Reseat or replace the IOP.

CIOD0344 x y IOP x in slot y fails to set IPB/Local T/O, EI mapping, TOC or Arb ID.

Action: Reseat or replace the IOP.

CIOD0346 x y IOP x in slot y fails to read BIC card ID.

Action: Reseat or replace the IOP.

CIOD0347 x y IOP x in slot y space manager cannot allocate IPB address.

Action: Reload the system with the Manual reload button.

CIOD0348 x y IOP x in slot y fails to program SCSI controller.

Action: Check software.

CIOD0349 x y IOP x in slot y installing event interrupt ISR failure on CP.

CIOD0350 x y IOP x in slot y control register test failed.

Action: Rerun test and replace IOP if test fails again.

CIOD0351 x y IOP x in slot y timeout waiting for response from security cartridge test.

Action: Replace or reseal security cartridge on IOP.

CIOD0352 x y IOP x in slot y i timeout waiting for response from SCSI control test.

Action: Be sure IOP is enabled.

CIOD0353 x y IOP x in slot y timeout waiting for response from SCSI cable test.

Action: Check both ends of the IOP to IOP cable.

CIOD0354 Hunt: Illegal response from IOP to ping test message.

CIOD0355 Hunt: No response from IOP to ping test message.

CIOD0356 Hunt: Recognized IOP did not complete self-test.

CIOD0357 Hunt: Recognized IOP failed self-test.

CIOD0358 Hunt: IOP x y did not pass self-test.

CIOD0359 Hunt: IOP x y failed ping test.

CIOD0360 Hunt: No IOPs recognized on side x.

CIOD0361 IOP x in slot y: detects CMDU becoming accessible.

CIOD0362 IOP x in slot y: detects CMDU becoming inaccessible.

Action: Check CMDU for proper backplane seating.

CIOD0363 Ethernet has been restored to ACTIVE because the IOP is enabled.

CIOD0364 Ethernet has been disabled because the IOP is disabled.

CND—Caller's Name Display

The Caller's Name Display Feature allows the storage of the users names in an Auxiliary computer such as a Property Management System (PMS). Problems with the link to the PMS are indicated by CND messages.

CND messages

CND0001	CND link I/O block is missing.
CND0002	CND link status block is missing.
CND0003	Garbage character receive on the cnd link.
CND0004	Lost partially assembled message.
CND0005	CND SDI output buffer does not get emptied properly.
CND0006	Wrong parameter passed to procedure CND_LINK_MSG_CR.
CND0007	Noisy CND Link.
CND0008	Slow response on CND link.
CND0009	CND link is down.
CND0010	CND messages are lost.
CND0011	CND link queue is not empty.
CND0012	Cannot synchronize the CND link.
CND0013	CND garbage collection pointer pointers are corrupted.
CND0014	Attempt to acquire CND name block with length zero.

CND

CND0015	Not enough memory for CND name block.
CND0016	Out of boundaries for CND name block.
CND0017	Pointer corruption while trying to remove name block.
CND0018	Name block corruption.
CND0021	Wrong TN in the Call Register.
CND0022	Special name table does not exist.
CND0023	Display's customer does not match unit's customer.
CND0024	Broken attendant queue.
CND0025	Unable to initialize CND link because of Calls Waiting in attendant queue.

CNF—Conference Circuit Diagnostic (LD 38)

The Conference Circuit Diagnostic program is used to detect and isolate circuit faults on the system conferencing equipment. The CNF messages are output in response to commands issued in LD 38.

LD 38 can detect problems on conference circuits such as:

- channel faults on the network card which interfaces a conference card to the system
- channel faults on the conference card
- conference faults associated with conferee group numbers
- switching faults controlling the attenuation feature

The program is used to:

- check the status of the channels and the conferee groups
- clear alarms and displays

CNF messages

CNF0000	Program identifier—no action needed.
CNF0001	Invalid command. Action: Check command format and try again.
CNF0002	Invalid argument. Action: Check command format and try again.
CNF0003	Customer nonexistent or out-of-range. Range is 0 to 31 inclusive.

CNF0004	Loop or conferee group out-of-range. Loop range is 0 to 158; conferee group range is 1 to 15.
CNF0005	Unequipped or out-of-range TN. Form is Loop, Shelf, Card, Unit Ranges are: Loop, 0 to 158; Shelf, 0 to 3; Card, 1 to 10; Unit, 1 to 15.
CNF0006	Requested loop is not defined in the system or is not a conference group. Action: Check data and begin again.
CNF0007	Requested loop has been disabled. Action: Use ENLL command before going further.
CNF0008	Requested conference loop is in use. Action: Try another conference loop.
CNF0009	The CNFC STEP command requires a two-party conference. More or fewer sets are not allowed. Action: Ensure that only two sets are in conference. If not, use END command to cancel the conference. Use the CNFC MAN L C command to set up two manual conferences by dialing SPRE 93 on any two sets, where SPRE is the customer's Special Service Prefix code.
CNF0020 loop	Conference pack failed to respond. Action: Check enable switch on the pack. If pack still does not respond, it is probably due to a fault on Conference pack. If fault persists after pack is replaced, suspect Peripheral Signaling packs. Minor alarm lamp lit on Attendant Console.
CNF0021 loop	Channel fault found on Conference pack. Minor alarm lamp lit on Attendant Console.
CNF0022 loop	Channel fault found on conference pack. Minor alarm lamp lit on Attendant Console.
CNF0023 loop	Conference fault found with one or more conferee groups on conference pack. May also be faulty network pack. Minor alarm lamp lit on Attendant Console.
CNF0024 loop	Attenuation feature is not working on conference pack. May also be a faulty network pack.
CNF0025 loop	Listen-only feature is not working on conference pack. Minor alarm lamp lit on Attendant Console.
CNF0026	Attenuation level 12.2 dB is faulty.

CNF0027	Attenuation level 10.4 dB is faulty.
CNF0028	Attenuation level 8.2 dB is faulty.
CNF0029	Attenuation level 7.2 dB is faulty.
CNF0030	Attenuation level 5.4 dB is faulty.
CNF0031	Attenuation level 4.0 dB is faulty.
CNF0032	Attenuation level 1.2 dB is faulty.
CNF0033	TSM memory faulty. The pack is faulty and should be replaced.
CNF0100	Cannot use the ENLX (Enable) or DISX (Disable) commands on a non-XCT card.
CNF0101	The XCT card is already enabled/disabled.
CNF0102	On ENLX (enable Conference/TDS card) did not receive the message verifying download completion within six seconds. Disable the card (DISX) and retry the Enable (ENLX) command.
CNF0103	CNFC L did not receive the self test result within ten seconds.
CNF0104	Received an unexpected message from the Conference/TDS card. Action: Use the DISX command to disable the card and retry the ENLX command.
CNF0107	Superloop numbers must be a multiple of four.
CNF0108	Shelf parameter is out-of-range.
CNF0109	Card parameter is out-of-range.
CNF0110	Unit parameter is out-of-range.

COM—Data Communication

COM Messages

COM0000	Ethernet driver: Device unit %d is initialized OK.
COM0001	Ethernet driver: Unit %d is being restarted.
COM0002	Ethernet driver is unable to restart the broadcast threshold watchdog.
COM0003	Ethernet driver is temporarily shut-down due to excess broadcasts.
COM0004	Ethernet driver: Restarted after being shut-down (broadcast).
COM0005	Ethernet driver: Inattatch; error return from gialntSet call.
COM0006	Ethernet driver: Device unit %d initialization failed.
COM0007	Ethernet driver: No carrier detection on device unit %d.
COM0008	Ethernet driver: Unit %d is being reset.
COM0009	Ethernet driver: A fatal problem was encountered and the threshold has been reached. Attempt to switch-over form side %d.
COM0010	Ethernet driver: Error creating transmitter semaphore.
COM0011	Ethernet driver: Inattatch; insufficient memory provided.
COM0012	Ethernet driver: Device requires cache coherent memory.
COM0013	Ethernet driver: System memory unavailable.
COM0014	Ethernet driver: Unable to create broadcast threshold.
COM0015	Ethernet driver: Unable to switch-over.

COM0016	Point-to-Point Protocol: Session is up.
COM0017	Point-to-Point Protocol: Session is down.
COM0018	Point-to-Point Protocol: Echo failed, link is down.

CSA—Command and Status Link Diagnostic (LD 48)

The Command and Status Link is an application protocol used for communication between the CPU and an external Value Added Server (VAS) such as the Meridian Mail MP. The CSL uses an Enhanced Serial Data Interface (ESDI) card.

The CSL and ESDI are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

CSA messages

CSA0001 n t x CSL n cannot be brought up automatically at system time t.

Unformatted: CSA001 N T X

Formatted: CSA001 dd/mm

OPRDAT: N X

n = CSL number

t = system time (only appears when unformatted)

x = 1. ESDI is in invalid state

2. ASIM/DLC data base error.

3. DLI data base error

4. ESDI failed the test

5. ASIM/DLC not enabled

6. DLI not enabled or is in alarm condition

7. ASIM setup failed

8. ESDI HDLC link layer setup failed

9. ESDI no response to the SL-1's command.

10. Far-end did not return the polling message.

CSA0002 n t x CSL n is out-of-service at system time t.

Unformatted: CSA002 N T X

Formatted: CSA002 dd/mm/yy 00009 MSG

OPRDAT: N X

n = CSL number

t = system time (only appears when unformatted)

x =

1. ESDI is out-of-service

2. SL-1 DLI is out-of-service

3. Protocol fault (InfoLink)

4. Meridian Mail—no response from sanity polling.

CSA0003 n t CSL n is now active, at system time t.

	Unformatted: CSA003 N T Formatted: CSA003 dd/mm/yy 00009 MSG OPRDAT: N
CSA0004 n t	CSL n is now standby, at system time t. Unformatted: CSA004 N T Formatted: CSA004 dd/mm/yy 00009 MSG OPRDAT: N n = CSL number t = system time (only appears when unformatted)
CSA0005 n x y	The message threshold on an ISDN/AP link n has overflowed. Where: x = OVD message sent across the link, and y = number of messages received during the last time interval.
CSA0100 q t	Warning: The available Call Registers in the AML queue is down to 20 percent of total resource. Where: q = I for input queue or O for output queue, and t = the system timestamp. The message appears in the following formats: CSA100 {I} {timestamp} SYS: {#CR in System msg queue} CPI: {#CR in Call Processing msg queue} ADM: {#CR in Admin./Maint. msg queue} CSA100 {O} {timestamp} AML:{link#} S: {CR in the queue for this link} AML: {other configured output link} S: {...} ADM: {...} S: {...}
CSA0101 q t	Overflow: The available Call Registers in the AML queue is down to 0 percent of total resource. Where: q = I for input queue or O for output queue t = the system timestamp. If there are two or more CSA100 warning messages in a week, increase the value of CSQI and CSQO in LD 17.

The message appears in the following formats:

CSA101 {I} {timestamp} SYS:{#CR in System msg queue}

CPI: {#CR in Call Processing msg queue}

ADM: {#CR in Admin./Maint. msg queue}

CSA101 {0} {timestamp} AML: {link#}

S: {CR in the queue for this link}

AML:{other configured output link}

S: {...} ADM:{...} S:{...}

CSA0102 q time Recover: The available call registers in the AML queue has recovered to 40% of total resource.

q = I for input queue

q = O for output queue

time = the system timestamp

If there are two or more CSA102 overflow messages in a day for one week, the system should be re-engineered or upgraded to a faster machine type.

The message appears in the following formats:

CSA102 {I} {timestamp}

SYS:{#CR in System msg queue}

CPI: {#CR in Call Processing msg queue}

ADM: {#CR in Admin./Maint. msg queue}

CSA102 {0} {timestamp} AML:{link#}

S;#CR in the queue for this link}

AML:{other configured output link}

S: {...} ADM:{...} S:{...}

CSA0104 n a t CCR READY bit set, CCR is now Active. Where

n : Link Number

t : Time Stamp

CSA104 prints when SL-1 receives Start Up or Flow Control messages, or after SL-1 initialized.

CSA0105 n a t CCR READY bit reset, CCR is now Disabled. Where:

n : Link Number

t : Time Stamp

CSA105 prints when system receives Shut Down, CCR died, 10 consecutive timeout, ESDI cable being poured, or link disabled messages, and after SL-1 initialized.

CSA0106 Link congestion or slow response time detection on the Application Module Link. Cleaning up link.

The format of CSA106 is as follows: CSA### {AML link#} {hours} {minutes} {seconds} {o} {si} {cpi}

Where:

= 106 or 107

AML link # = the AML link number for the application

o = queue length of the AML output queue for the application

si = queue length of all AML system input queues

cpi = queue length of all AML call processing input queues

CSA0107 Link cleanup completed. This message is tied directly to last CSA106 message.

The format of CSA107 is as follows: CSA### {AML link#} {hours} {minutes} {seconds} {o} {si} {cpi}

Where:

= 106 or 107

AML link # = the AML link number for the application

o = queue length of the AML output queue for the application

si = queue length of all AML system input queues

cpi = queue length of all AML call processing input queues

CSA0108 This CDN is being switched to default mode because:

1. CDN is unknown to the application.
2. No call script is defined for the CDN.

The Craftperson is responsible to fix the problem and reset the CDN back to the controlled mode if desired. The format of CSA 108 is as follows: CSA108 {CDN} {cust no} {reason code}

Where reason code = (no call script is defined for the CDN.) (undefined CD)

CSC—Customer Service Change

The Customer Service Change messages indicate problems and progress within the Attendant Administration and Automatic Set Relocation features.

CSC messages

CSC0001	Access code (password) entered from console was incorrect.
CSC0002	Cannot login because currently running program refuses to leave.
CSC0003 x y	Start of attendant service change of a telephone. TN and Prime DN are given. Where : x = TN of set and y = Prime DN of set.
CSC0004	The feature selected by the attendant is shown, together with the old and new contents. Action: Enter new contents.
CSC0005	Change of telephone data has been completed.
CSC0006	Someone else has logged in and replaced the Attendant Administration user.
CSC0007	An error was encountered trying to load a program.
CSC0010 x y	The first message produced by a relocation at the point the set leaves the system. It gives the TN the set is relocating from, and the identification code entered. Where : x = old TN of set and y = ID code entered
CSC0011 x y	The second message produced by a set relocation at the point the set re-enters the system. It gives the old and new TN of the set. Where : x = old TN (l s c u) of set and y = new TN of set.
CSC0012 x	A set cannot be relocated back in. It gives the old TN of the set. Where : x = old TN of set.

CSC0013 x y	A set reassigned back in has been de-assigned as AST for a DN. Where : x = TN of set and y = Prime DN of set.
CSC0100 x y	Set Installation message indicating that a set or trunk has been installed using AINS.
CSC0101 x	Set Installation message indicating that a set or trunk has been removed from the database using AINS.
CSC0102 DN xxxx NEW	The DN xxxx appearance for a MARP TN has been changed in Attendant Administration. The new MARP for DN xxxx has defaulted to TN I s c u.
CSC0104 x y z	Flexible Call Forward No Answer DN (FDN) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (I s c u), y = old FDN, and z = new FDN.
CSC0105 x y z	Hunt DN updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (I s c u) , y = old Hunt DN and z = new Hunt DN
CSC0106 x y z	External Call Forward No Answer DN (EFD) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (I s c u), y = old EFD, and z = new EFD.
CSC0107 x y z	External Hunt DN (EHT) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (I s c u), y = old EHT, and z = new EHT.
CSC0108 x y z	Ringing Cycle Option (RCO) updated through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (I s c u), y = old Ringing Cycle Option (RCO), and z = new RCO.
CSC0109 x y	Unacceptable Flexible Call Forward No Answer DN (FDN) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (I s c u) and y = unacceptable FDN.
CSC0110 x y	Unacceptable Hunt DN dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (I s c u) and y = unacceptable Hunt DN.
CSC0111 x y	Unacceptable External Call Forward No Answer DN (EFD) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (I s c u) and y = unacceptable EFD.
CSC0112 x y	Unacceptable External Hunt DN (EHT) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (I s c u) and y = unacceptable EHT.

CSC0113 x y	Unacceptable Ringing Cycle Option (RCO) dialed during User Selectable Call Redirection (USCR) programming from telephone. Invalid data was not stored. Where : x = tn (l s c u) and y = unacceptable RCO.Data corruption.
CSC0118	Multiple appearance of a DN that is associated with a DTM key is not permitted.
CSC1000 x y z	Flexible Call Forward No Answer DN (FDN) updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old FDN, and z = new vacant FDN of set.
CSC1001 x y z	Hunt DN updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old Hunt DN, and z = new vacant Hunt DN.
CSC1002 x y z	External Call Forward No Answer DN (EFD) updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old EFD, and z = new vacant EFD.
CSC1003 x y z	External Hunt DN (EHT) updated with vacant DN through User Selectable Call Redirection (USCR) from telephone. Where : x = tn (l s c u), y = old EHT, and z = new vacant EHT

DCH—D-channel Diagnostic (LD 96)

The D-channel diagnostic program (LD 96) is used to test and maintain the D-channel link and the D-channel Interface card. Problems are reported in DCH messages.

DCH release (RLS) and (EST) establish reports

A report is output when the D-channel is released or established. The format of this report is:

```
DCH x EST hh:mm:ss mm/dd/yyyy
DCH x RLS hh:mm:ss mm/dd/yyyy
```

Where x is the D-channel number and RLS or EST indicates if the channel was released or established. The time and date is also output.

The format of this report is:

```
DCH x EST REASON hh:mm:ss mm/dd/yyyy
DCH x RLS REASON hh:mm:ss mm/dd/yyyy
```

The REASON indicates why the D-channel was released or re-established. The following reasons may be output when the D-channel is released:

CONFIRM = Released a D-channel due to a request from Meridian 1 software.

CTS DOWN = Released a D-channel because a Clear To Send signal from the DCE interface has dropped. Check the DCE interface (PRI or modem) and associated cables.

NO EXT CLK = No external clock received from the DCE interface. Check the DCE interface (PRI or modem) and associated cables.

NO RESPONSE = No response from far end after N200 transmissions. No action required, problem is at the far-end.

RED ALRM = Red (local) alarm has occurred. Check the PRI loop.

REMOTE = Release was initiated by the far-end. No action required, problem is at the far-end.

SABME WDM = Far-end responded to SABME with DM. No action required, problem is at the far-end.

TEST MODE = Release prior to entering test mode.

WRONG MODE = Release a D-channel due to an incorrect master/slave configuration (see prompt SIDE in LD 17).

YEL ALRM = Yellow (remote) alarm has occurred.

The following reasons may be output when the D-channel is re-established:

AUTO REC = Reestablished a D-channel due to auto-recovery.

CONFIRM = Established a D-channel due to a request from Meridian 1 software.

DMFO FRAME REC = Reestablished a D-channel after receiving a DM frame in the timer recovery state.

FRAME REC = Reestablished a D-channel after receiving an undefined frame from the far-end.

FRMR REC = Reestablished a D-channel after receiving a Frame reject from the far-end.

INDICATION = Established a D-channel.

INFO FRAME REC = Reestablished a D-channel after receiving a frame type with an information element field which is not allowed.

N(R) REC = Reestablished a D-channel after receiving a bad N(R) from the far-end.

N201 REC = Reestablished a D-channel after receiving a frame with an information field longer than N201 from the far-end.

N2X4 RNR REC = Reestablished a D-channel after receiving a N2X4 consecutive RNR frames.

TIMER REC = Reestablished a D-channel due to timer recovery.

WRONG HDRL REC = Reestablished receiving a frame with an incorrect header length.

With MSDDL D-channels the layer 2 can respond with a reason for link reset or disable condition. The output is:

DCH: xx I PRIMI: RESET_IND TIME: hh:mm:ss

RESET_IND - rrrrrr

DCH : xx I PRIMI : DSBL_IND TIME: hh:mm:ss

DSBL_IND - rrrrrr

Where, rrrrrr is the reason for the reset or disable as follows:

DCH

NO RESOURCES — Configure the DCH on a different MSDL card.

DTE/DCE or RS232/R422 — Check switch settings on MSDL card and far-end.

LAYER 2 ERROR — Disable the DCH and enable with force download option.

DCH messages

DCH0001	ISDN package is not equipped.
DCH0002	Command not allowed.
DCH0003	DCHI is disabled.
DCH0004	Only one link can be monitored at one time.
DCH0005	Undefined link/DCHI state. There is a software/hardware mismatch. Action: 1. Disable and re-enable the DCHI card. 2. Check DCHI status.
DCH0006	DCHI not responding. Action: 1. Disable and re-enable the DCHI card. 2. 2. Check DCHI status.
DCH0007	Command invalid at this state.
DCH0008	Invalid source to the Overlay.
DCH0009	Invalid command entered.
DCH0010	Invalid parameter #1.
DCH0011	Invalid number of parameters.
DCH0012	DCHI is not configured.
DCH0013	Invalid message type.
DCH0014	Invalid IE type.
DCH0015	Invalid link monitor status.
DCH0016	Invalid link/DCHI number.
DCH0017	Invalid key entered.
DCH0018	Invalid total keys entered.
DCH0019	Invalid table number.
DCH0020	Transmit buffer is not empty.

DCH

DCH0021	Receive buffer not ready. Action: Check DCHI status.
DCH0022	Invalid Octet number.
DCH0023	Unexpected loop input.
DCH0024	Backup DCH is not configured.
DCH0025	DCH is already active.
DCH0026	Specified DCH is not established. Action: DCH must be in established state before switch command can be carried out.
DCH0027	DCH already established.
DCH0028	Command only valid for D-channels on MSDL card.
DCH0029	DCH has to be enabled first.
DCH0030	DCH has to be in Test Mode first.
DCH0031	Unable to enable the local loopback substate because the sub state is not idle.
DCH0032	Unable to disable the local loopback sub state because it is not in the local loopback sub state.
DCH0033	Unable to enable the remote loopback sub state because the sub state is not idle.
DCH0034	Unable to disable the remote loopback sub state because it is not in the remote loopback sub state.
DCH0035	Unable to run the local loopback test because the link is not in a local loopback sub state.
DCH0036	Unable to run the remote loopback test because the link is not in an idle sub state.
DCH0037	The feature specified for monitoring is invalid. Parameter #5 is not a recognized feature.
DCH0038	Invalid DCH number for ENL command.
DCH0039	Invalid DCH state for enabling the link.
DCH0040	Wrong number of input parameters for the enable command.

DCH0041	Input enable command not recognized.
DCH0042	MSDL card has to be in operational state.
DCH0043	Invalid DCH number.
DCH0044	Test or DCH maintenance command is not supported for D-channels configured on the MSDL card.
DCH0045	MSDL card is disabled.
DCH0046	Invalid maintenance request for DCH link.
DCH0047 {DCH #} {D-channel data}	Command is not supported for UIPE D-channels.
DCH0048 {DCH #} {D-channel data}	Set D-channel pointers failed for Download database.
DCH0049 {DCH #} {D-channel data}	D-channel has to be on MSDL card.
DCH0050 {DCH #} {D-channel data}	D-channel has to be UIPE for download database command.
DCH0051 {DCH #} {D-channel data}	MSDL card is not operational.
DCH0052 {DCH #} {D-channel data}	D-channel has to be enabled.
DCH0300	Test 200, interrupt handler interface, failed. Action: If test continues to fail, report software problem.
DCH0301	Test 201, interrupt handler-to-link interface, failed. Action: If test continues to fail, report software problem.
DCH0302	DCHI test 101 failed. No interrupt, but good data. Action: Replace DCHI.
DCH0303	DCHI test 101 failed. There is interrupt, but bad data. Action: Replace DCHI.
DCH0304	DCH test 101 failed. No interrupt and bad data. Action: Replace DCHI.
DCH0305	DCHI test 100 failed. Stuck interrupt. Action: Replace DCHI.

DCH

DCH0401	That command is not allowed. This is a single octet information element.
DCH0402	Only three message types can be specified in one command.
DCH0403	Only one feature can be monitored at one time. Action: STAT MON {DCH#} to see what is currently being monitored.
DCH0404	Invalid TN or no TN was entered.
DCH0405	Only five TNs can be specified for incoming or outgoing messages.
DCH0406	This TN has been specified already.
DCH0407	TN does not associate with the selected D-channel.
DCH0408	Backup D-channel is not allowed; primary D-channel should be used.
DCH0410	The ENL SERV command cannot be executed when the primary D-channel and, if equipped, the backup D-channel are in the established state. Action: Disable both D-channels before entering the ENL SERV command.
DCH0411	SDCH command is allowed only when IFC = SL-1 and RCVP = NO in LD 17.
DCH0421	dch# OVLD xxxx dch# is the d channel number, xxxx is the number of ISDN messages during last time interval) The overload control for the indicated PRI D channel is active. Any incoming new call setup is rejected by protocol control. Alarm Level: event Action: No action required unless this event is reported continuously on the same D channel. In those cases, one needs to investigate the cause and determine whether the D channel overload threshold value needs to be adjusted in Overlay 17 for the given D channel.
DCH1001	Invalid primitive-ID. Action: Check DCHI status.
DCH1002	Unexpected primitive. Action: Check DCHI status.
DCH1003	Protocol error. Action: 1. If the error continues, check DCHI card status. 2. If the problem still continues, report it.

Output format:

DCH1003 DCH: w PROTOCOL: x LAYER: y ERROR: z

Where:

w = DCH device number

x = protocol used

y = layer number 1, 2 or 3

z = error condition which depends on the layer number

When y = 1, x = :

01H = illegal or unimplemented primitive

02H = no handshake signal, check link status/database

03H = invalid DCH configure table, check database

04H = invalid LRC at last download table, S/W problem

05H = data is too short, far end or SL-1 S/W problem

06H = data is too long, far end or SL-1 S/W problem

When y = 2, x = :

01H = peer initiated re-establish link, no action

02H = unsuccessful retransmission (N200 retries) for SABME, far-end problem

03H = unsuccessful retransmission (N200 retries) for DISC, far-end problem

04H = N(R) error, far-end problem

05H = received information field exceeding N201, far-end is sending bad data

06H = received non-implemented/undefined frame, far-end problem

07H = received I-frame but not allowed, far-end problem

08H = received FRMR frame

When y = 3, x = :

01H = received message with less than 4 octets far-end or SL-1 S/W problem

02H = received message with unsupported protocol discriminator, far-end or SL-1 S/W problem

03H = received message with unsupported information element, far-end or SL-1 S/W problem

04H = received undefined/unimplemented message type, check DCH download table

DCH

05H = received message with mandatory information element, far-end or L-1 S/W problem

06H = invalid call reference number, far end or SL-1 S/W problem

07H = invalid IE contents in optional IE field, far end or SL-1 S/W problem

08H = invalid IE contents in mandatory IE field, far end or SL-1 S/W problem

DCH1004 PRI is out-of-service.

DCH1005 Link release error.

Action: 1. Check DCHI status
2. Check the PRI to DCHI cable
3. Check PRI status

DCH1006 Link establishment error.

Action: 1. Check DCHI status
2. Check the PRI to DCHI cable
3. Check PRI status

DCH1007 Interrupt was lost.

Action: If more than ten times per day, run DCHI tests 200 and 201.

DCH1008 Output request buffer overflow.

Action: If more than five times per day, reset D-channel output buffer size in LD 17, using prompt OTBF.

DCH1009 PRI reported DCHI is out-of-service.

Action: 1. Check DCHI status
2. Check PRI status
3. Check the PRI to DCHI cable

DCH1010 DCHI is software disabled.

DCH1011 Late link establishment.

Action: 1. If the far-end is disabled, no action needed.
2. If the far-end is active, increase the timer threshold in LD 17, using prompt T200.

DCH1012 Late link release.

Action: 1. If the far-end is disabled, no action needed.

2. If the far-end is active, increase the timer threshold in LD 17, using prompt T200.

DCH1013 Invalid DCHI status due to software/hardware mismatch.

Action: 1. Disable and re-enable the DCHI card

2. Check DCHI status

DCH1014 Invalid DCHI status due to software/hardware mismatch.

Action: 1. Disable and re-enable the DCHI card

2. Check DCHI status

DCH1015 Receive buffer full.

Action: If more than five times per day, disable and re-enable DCHI.

DCH1016 Transmit buffer full.

Action: Check the DCHI card.

DCH1017 No end-of-message.

Action: Definitely a DCHI problem. Check the DCHI card.

DCH1018 No transmit buffer available.

Action: 1. Check PRI to DCHI cable

2. Check PRI status

3. Check DCHI status

DCH1019 DCHI is hardware disabled.

DCH1020 DCH1020 indicates the standby D-channel is not in the EST state during the switchover.

DCH1021 The DCHI is reset because too many DCH1015 messages have occurred.

DCH1024 The DCH port on the MSDL card could not be enabled because the MSDL card is not in an operational state.

DCH1025 Did not receive a confirmation from Layer 2 for MSDL DCH test state event; therefore, a timeout has occurred.

DCH1026 An invalid timeout occurred for the DCH test state. No further action is required for this event.

DCH

DCH1027	An invalid test confirmation was received from layer. No further action is required for this event.
DCH1028	The DCH has to be on the MSDL card for the maintenance task requested.
DCH1029	Resynchronization of the flow control counters failed when a flow control condition was detected by the MSDL DCH Handler application.
DCH1030	Output request buffer overflow for D channels on the MSDL card. Action: 1. Check PRI to DCHI cable. 2. Check PRI status. 3. Check DCHI status
DCH1031 x	Cannot enable DCH x because IPRA package is restricted.
DCH1039	The feature you specified to disable has not been enabled. Action: STAT MON {DCH#} to see what is currently being monitored.
DCH1040	The requested operation does not apply to the selected interface. Action: Attempt to enable SERV messages on an APISDN IFC.
DCH1042	DCH does not have GF capability.
DCH1043	Invalid call reference number.
DCH2001 {DCH #} {D-channel data}	DCH link established a timeout. Request to establish D-channel link failed and DCH will be reset.
DCH2002 {DCH #} {D-channel data}	Unexpected primitive received.
DCH2003 {DCH #} {D-channel data}	Invalid link state for timeout event.
DCH2004 {DCH #} {D-channel data}	Invalid DCH application status in timeout event.
DCH2005 {DCH #} {D-channel data}	PRI reported DCH is out of service.
DCH2006 {DCH #} {D-channel data}	Layer2 reset timeout
DCH2007 {DCH #} {D-channel data}	Invalid check PRI timeout - no PRI loop.
DCH2008 {DCH#} {D-channel data}	PRI is out of service.
DCH2009 {DCH #} {D-channel data}	PRI is out of service.

DCH2010 {DCH #} {D-channel data}	Enable Request Timeout.
DCH2011 {DCH #} {D-channel data}	Layer2 establish timeout.
DCH2012 {DCH #} {D-channel data}	No confirmation received from loadware for test mode.
DCH2013 {DCH #} {D-channel data}	Invalid test mode timeout event.
DCH2014 {DCH #} {D-channel data}	DCH link release timeout error.
DCH2015 {DCH #} {D-channel data}	Polling failed to release link.
DCH2016 {DCH #} {D-channel data}	DCH enable request denied - MSDL is not operational.
DCH2017 {DCH #} {D-channel data}	Invalid DCH link state - Enable request denied.
DCH2018	Cannot establish link - link is in test mode.
DCH2023 {DCH #} {D-channel data}	Maintenance request denied - DCH is not enabled.
DCH2040 {DCH #} {D-channel data}	PRI reported that primary D-channel is out-of-service.
DCH4283	Both D-channels have been released. Action: Establish the D-channel.
DCH4285 {error}	The ISPC command (EST, RLS or STAT) cannot be executed on the ISPC slave D-channel trunk. The format of the message is: DCHxxxx {error} where {error} is: 0: Tn entered is not a valid DTI2 phantom TN. 3: The trunk must be configured with the DTN class of service. 4: Data corruption with the route pointer. 7: The route is not configured with DSEL = DTA 8: The route must not be an ISL route. 9: The route is not configured with DLTN = Yes 10: The route is not configured as incoming. 11: The route is not configured with PRDL = BSY 14: The route is not configured with NEDC = ETH 15: The route is not configured with FEDC = ETH 16: The route is not configured with CPDC = NO 17: DDD_PACKAGE is restricted.

18: The trunk is not configured with SDCH=YES and SMAS =NO (i.e. Slave channel)

19: The ISPC Slave channel is not in Release state therefore the command cannot be executed. Do a RLS ISPC command first.

Action: Check system configuration, and retry the command.

DSET—Digital Set Download

Digital Set downloading takes place during system reload.

DSET messages

DSET0000 DOWN LOAD 1 2 3 4 5 6 7 8 9 Digital Set downloading has taken place. This information appears once during system reload. Eight additional fields are associated with this output.

Output format is:

- 1 = the number of SSD messages sent
- 2 = the number of M3000 sets downloaded
- 3 = the number of Compact sets downloaded
- 4 = the number of Digital attendant consoles downloaded
- 5 = the number of M3000 sets that failed the download
- 6 = the number of Compact sets that failed the download
- 7 = the number of Digital attendant consoles that failed the download
- 8 = the current real time clock

DTA—Digital Trunk Diagnostic

DTA messages

DTA0001 loop	Data block is not defined.
DTA0002 loop	Message received with wrong chip field.
DTA0003 loop	Power up message received.
DTA0004 loop	Phase Lock Loop (PLL) clear message is received without phase lock loop alarm.
DTA0005 loop	Yellow alarm (remote alarm) has occurred.
DTA0006 loop	Yellow alarm (remote alarm) 24-hour threshold has been exceeded. Manual intervention is required.
DTA0007 loop	Yellow alarm (remote alarm) is cleared.
DTA0008 loop	Yellow alarm (remote alarm) is disabled.
DTA0009 loop	Phase lock loop alarm has occurred.
DTA0010 loop	Phase lock loop alarm has cleared.
DTA0011 loop	Bit error rate warning threshold.
DTA0012 loop	Bit error rate out-of-service limit.
DTA0013 loop	Too many bit error rate out-of-service occurrences in 24 hours.
DTA0014 loop	Bit error rate alarm cleared.
DTA0015 loop	Frame slip—tracking—maintenance limit.
DTA0016 loop	Frame slip—tracking—out-of-service limit.

DTA0017 loop	Frame slip—free run (non-tracking)—maintenance limit.
DTA0018 loop	Frame slip—free run (non-tracking)—out-of-service limit.
DTA0019 loop	Frame alignment maintenance limit.
DTA0020 loop	Frame alignment out-of-service limit.
DTA0021 loop	Frame alignment alarm persisted for 3 seconds.
DTA0022 loop	Frame alignment alarm has cleared for at least 15 seconds.
DTA0023 loop	PRI loop is up.
DTA0024 loop	System initiated (automatic, LD 45 or LD 60) self-test on PRI loop L failed. All channels are disabled, loop is put into red alarm (local alarm).
DTA0025 loop	System initiated (automatic, LD 45 or LD 60) self-test on PRI loop L passed. Channels were previously disabled due to self-test fault or a loop-level self-test. Channels are enabled and red alarm (local alarm) is removed.
DTA0026 loop	Non-tracking frame slip out of service limit is reached while monitoring frame slip improvement. Trunks remain out-of-service and the improvement timer (prompt SRIM in LD 73) is restarted.
DTA0027	Frame slip—free run (non-tracking)—guard timer expired. Trunks are kept out of service. Software is checking for slip rate improvement. The improvement criterion is the number of maintenance messages the system gets during the guard time.
DTA0028 loop	Slip rate improvement criterion is not met. Trunks remain out-of-service, improvement timer is reset (prompt SRIM in LD 73).
DTA0029 loop	Non-tracking frame slip rate improvement criterion is met. Trunks being returned to service.
DTA0030 loop	Alarm status input message received from an unexpected loop.
DTA0100 I s c u	Far-end hardware corresponding to Virtual Terminal I s c u is disabled.
DTA0101 I s c u	Far-end hardware corresponding to Virtual Terminal I s c u is enabled.
DTA0102 loop	Power is up on the PRI2 board.
DTA0103 loop	Problem in loop or channel message of PRI2.
DTA0104 loop	Channel self-test report for PRI2.

DTA0105 loop	Loop self-test report for PRI2.
DTA0106 loop	PRI2 Loop is in acceptable state.
DTA0107 loop	PRI2 Loop is in G1 MNT state.
DTA0108 loop	PRI2 Loop is in G1 NNC state.
DTA0109 loop	PRI2 Loop is in G1 OOS state.
DTA0110 loop	PRI2 Loop is in G2 MNT state.
DTA0111 loop	PRI2 Loop is in G2 NNC state.
DTA0112 loop	PRI2 Loop is in G2 OOS state.
DTA0113 loop	PRI2 Loop is in OOS state with no auto-start.
DTA0114 loop	PRI2 loop is disabled, and message received is not power up.
DTA0115 loop	Unsolicited PRI2 message received.
DTA0116 loop	PRI2 loop is in G1 NNDC state.
DTA0117 loop	PRI2 loop is in G2 NNDC state.
DTA0200 loop	The DTI2 (NI and CI-1) firmware has initialized.
DTA0201 loop	The Carrier Interface (CI-1) firmware has initialized.
DTA0202 loop	The Network Interface (NI) firmware has initialized.
DTA0203 loop e	A Group 2 error has been detected by the DTI card. Error (e) = 1 to 127 (Decimal). Listed below are various error types (e) and their value in decimal. Error Type (e); Abbreviation; Decimal Value Loss of CRC4 Multiframe Alignment; CF; 1 64 kb Alarm Indication Signal; AS; 2 B6 TS0 non-FAS (far-end OOS); C3; 4 Loss of Frame Alignment; LF; 8 Loss of Multiframe Alignment; LM; 16 Alarm Indication Signal; AI; 32 B3 TS16 Frame 0 (far-end OOS); C6; 64

To interpret any given value of (e), you must translate (e) to binary. For example, if (e) = 24 (decimal), the translated binary value = 0 0 1 1 0 0 0. This binary value may now be interpreted as follows:

0 = C6

0 = AI

1 = LM

1 = LF

0 = C3

0 = AS

0 = CF

Therefore, the errors are for LF and LM.

DTA0203 loop x y A Group 2 error has been detected by the PRI2 card. The error information is decoded as follows, where x :

4 = LOS (loss of signal)

3 = AIS (alarm indication signal)

2 = LFAS (loss of frame) 1 = LMAS (loss of CRC multiframe)

0 = RAI (remote alarm indication)

Where y:

2 = alarm occurred

1 = alarm persisted

0 = alarm cleared

Example: DTA203 7 4 2 - PRI loop 7 loss of signal occurred.

DTA0204 loop e Incomplete or incorrect ANI was received by CDTI2/CSDTI2 FW (outgoing trunk) which reports this fact to the main CPU by SSD messin 9 (NI problem report).

Action: This is a “warning only” message. No additional actions are taken. The call will be processed regularly. However, FW will use the special hardcoded in FW value as ANI.

DTA0205 loop e The CI-1 firmware has encountered a problem.

Action: Refer to DTI009 for CI-1 microprocessor error codes (e).

DTA0206 loop Response to channel status poll has timed out. The channel has been disabled.

- DTA0207 loop s c An invalid signal has been received from the DTI. Where: s = ABCD signal received from DTI; c = channel.
- DTA0208 loop s c An invalid signal has been requested to be sent to the DTI. Where: c = channel, s = signal type requested.
- DTA0209 loop DTI loop is in acceptable state.
- DTA0210 loop e DTI loop is in Group 1 MNT state, where error (e) is one or more of:
BV - Bipolar Violation
FV - Frame Alignment Violation
SV - Slip Violation
CV - Cyclic Redundancy Check (CRC-4) Violation
CRC- CRC4 Violation
- DTA0211 loop e DTI loop is in Group 1 NNC state, where error (e) is one or more of:
BV - Bipolar Violation
FV - Frame Alignment Violation
SV - Slip Violation
CV - Cyclic Redundancy Check (CRC-4) Violation
CRC-CRC4 Violation
- DTA0212 loop e DTI loop L is in Group 1 OOS state, where error (e) is one or more of:
BV - Bipolar Violation
FV - Frame Alignment Violation
SV - Slip Violation
CV - Cyclic Redundancy Check (CRC-4) Violation
CRC-CRC4 Violation
- DTA0213 loop e DTI loop is in Group 2 MNT state, where error (e) is one or more of:
BV - Bipolar Violation
FV - Frame Alignment Violation
SV - Slip Violation
CV - Cyclic Redundancy Check (CRC-4) Violation
CRC-CRC4 Violation

DTA0214 loop e DTI loop is in voice Group 2 NNC state, where error (e) is one or more of:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment

DTA0215 loop e DTI loop is in Group 2 OOS state, where error (e) is one or more of the following:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment

DTA0216 loop e DTI loop is in Group 1 MNT state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC- CRC4 Violation

DTA0217 loop e DTI loop is in Group 1 NNC state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation

DTA0218 loop e DTI loop L is in Group 1 OOS state, where error (e) is one or more of:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - Cyclic Redundancy Check (CRC-4) Violation

CRC-CRC4 Violation

DTA0219 loop e DTI loop is in Group 2 MNT state, where error (e) is one or more of:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment

DTA0220 loop e DTI loop is in voice Group 2 NNC state, where error (e) is one or more of:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignmentCFAS - Loss of CRC4 Multiframe Alignment

DTA0221 loop e DTI loop is in Group 2 OOS state, where error (e) is one or more of the following:

C3 - B3 TSO non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

DTA

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment

DTA0222 loop DTI loop is in OOS state with no auto-start.

DTA0223 Wrong ABCD bits change reported by proper SSD messin from CDTI2/ CSDTI2 FW.

Action: Trunk is locked out.

DTA0223 loop s ch An invalid signal has been received from the DTI. It matches CCITT fault signal. Far-end may be disabled. Where: c= channel and s = ABCD signal received from DTI.

DTA0224 loop ch DTI loop audit has found channel (ch) to be in an invalid HALFDISCONNECT state (trunk lock-up). An disconnect attempt is being made on the CHNL.

DTA0225 loop DTI loop is in G1 NNDC (No New Data Call) grade-of-service. Where (e) is one or more of the following:

BV - Bipolar Violation

FV - Frame Alignment Violation

SV - Slip Violation

CV - CRC-4 Violation

DTA0226 loop DTI loop is in G2 NNDC (No New Data Call) grade-of-service. Where (e) is one or more of the following:

C3 - B3 TS0 non-FAS (far-end Out-of-Service)

C6 - B6 TS16 frame 0 (far-end lost MFA signal)

CF - Loss of CRC-4 Multiframe Alignment

AS - 64 kb Alarm indication signal

AI - Alarm Indication signal

LM - Loss of Multiframe alignment

LF - Loss of Frame alignment

CFAS - Loss of CRC4 Multiframe Alignment

DTA0300 loop A slip repetition has occurred on PRI2 loop.

DTA0301 loop	A slip deletion has occurred on PRI2 loop.
DTA0302 loop	A slip repetition overflow has occurred on PRI2 loop.
DTA0303 loop	A slip deletion overflow has occurred on PRI2 loop.
DTA0304 loop	A BPV unavailable condition has occurred on PRI2 loop.
DTA0305 loop	A CRC unavailable condition has occurred on PRI2 loop.
DTA0306 loop	A FAP unavailable condition has occurred on PRI2 loop.
DTA0307 loop	A BPV no-new-calls condition exists on PRI2 loop.
DTA0308 loop	A CRC no-new-calls condition exists on PRI2 loop.
DTA0309 loop	A FAP no-new-calls condition exists on PRI2 loop.
DTA0310 loop	A BPV maintenance condition has occurred on PRI2 loop.
DTA0311 loop	A CRC maintenance condition exists on PRI2 loop.
DTA0312 loop	A FAP maintenance condition exists on PRI2 loop.
DTA0320 loop	DTI loop error reporting was disabled due to an overload of input messages.
DTA0321 loop	Error reporting reenabled on DTI loop after being disabled by an input overload (DTA320).
DTA0322 l ch w x y z	An invalid pulsed signal has been received from the DTI. Where: l = DTI loop/card number ch = channel number w = start bits (the ABCD bit pattern before analysis of the pulse) x = pulsed bits (the ABCD pattern which was possibly part of a pulsed signal) y = end bits (the ABCD pattern received after the pulse) z = duration (length of the pulse in milliseconds)
DTA0323 loop mtype	An unexpected message type. Messin 28 received is permissible for DTI2 loop on CDTI2 card only. (mtype - message type)
DTA0324 {loop number}	A Phantom DTI2 loop has been found in a disabled state and is put back in an enabled state.

Action: None, as the cause of the data corruption has been cleared.

DTA0325 { TN1 } { TN2 } {N} An ISPC phantom DTI2 (or an ISPC PRI2 trunk) has been found in an invalid state. To avoid any new problem in the system, the calls are cleared in the following manner:

- The ISPC phantom DTI2 trunk is put in a disabled state. - The ISPC call active on the PRI2 trunk (which is linked with the phantom DTI2 trunk) is cleared.

where: TN1 = TN of the phantom DTI2 trunk TN2 = TN of the real PRI2 trunk N = Details of the problem, as follows:

- 1 - TNTRANS of PHTN_PHANTOM failed.
- 2 - No ACTIVECR on the PRI2 trunk.
- 3 - TERTN of ACTIVERCR is not equal to PHTN_PHANTOM.
- 4- No link from phantom DTI2 trunk to the PRI2 trunk.
- 5 - the flag ISPC active of the PRI2 TN is not set.
- 6 - PHTN_PHANTOM of PRI2 is not the TN of the DTI2 unit.
- 7 - The PRI2 unit is not the orig party of the ISPC CR.
- 11 - TNTRANS of PHTN_REAL failed.
- 12 - The real TN of the phantom DTI2 TN is not a PRI2 TN.
- 13 - The flag ISPC active of the DTI2 TN is not set.
- 14 - The ISPC_CR of the DTI2 unit is not valid.
- 15 - The DTI2 unit is not the terminating party of the ISPC CR.
- 16 - The field PHTN_REAL of the DTI2 trunk should be null as the trunk is disabled. Field is corrected.
- 17 - The field PHTN_PHANTOM of the DTI2 trunk should be null as the trunk is disabled. Field is corrected.
- 18 - The field ISPC_ACTIVE of the DTI2 trunk should be null as the trunk is disabled. Field is corrected.
- 20 - the MAINPM of the ISPC call register is not established.
- 21 - There are some timeslots in the ISPC call register.
- 22 - the ISPC_CR of the DTI2 unit is not the ACTIVECR of the PRI2 unit.

DTC—Digital Trunk Clock Controller Diagnostic (LD 60)

DTC messages

DTC0001	Clock controller tracking on primary source loop.
DTC0002	Clock controller tracking on secondary source loop.
DTC0003	Clock controller cannot be accessed.
DTC0004	Clock controller indicates clock aging error (not locked on in five seconds).
DTC0005	Reference clock switched to secondary source from primary.
DTC0006	Reference clock switched to free run mode from secondary or primary.
DTC0007	Active reference clock is set to retrack primary.
DTC0008	Active reference is free run or the clock controller cannot be accessed.
DTC0009	Clock controller has been switched.
DTC0010	UART error is detected. Active CC cannot contact other CC.
DTC0011	Clock controller self-test failed; error exists.
DTC0012	Clock controller has reference clock problem.
DTC0013	Clock controller has tracking problem.
DTC0014	Clock controller set to free run.
DTC0015	Clock controller set to secondary.
DTC0016	Clock controller restored from free run or secondary to tracking on primary.

DTC

DTC0017	Clock controller restored from free run to tracking on secondary.
DTC0018	Cannot switch or restore to a reference clock because automatic reference clock switching option is disabled.
DTC0100	An invalid error message was received from the clock controller.
DTC0101	Only allow to disable the secondary clock reference.
DTC0102	Only allow to enable the secondary clock reference.
DTC0103	System is locked to primary clock reference.
DTC0104	System is locked to secondary clock reference.
DTC0105	System is locked to free run.
DTC0106	Supposed to free run but hardware is tracking to primary.
DTC0107	Supposed to free run but hardware is tracking to secondary.
DTC0108	Supposed to track primary but hardware is tracking to secondary.
DTC0109	Supposed to track on secondary but hardware is locked to primary reference
DTC0110	Supposed to track on secondary but hardware is tracking to primary.

DTI—Digital Trunk Interface Diagnostic (LD 60)

DTI messages

DTI0000	LD 60 identifier.
DTI0001	Invalid input character.
DTI0002	Invalid command.
DTI0003	Incorrect number of parameters.
DTI0004	Incorrect customer number.
DTI0005	Invalid parameter.
DTI0006	Card specified is not a DTI/PRI Card.
DTI0007	DISI request already active.
DTI0008	DISI command is complete.
DTI0009 l ch e	DTI/DTI2/PRI/PRI2 loop or channel failed hardware self test. This message can be followed by DTA105 messages with additional error codes. For DTI/PRI/PRI2 the output data is: l = card) ch = channel e = error code for debug purposes For DTI2 the output data is: DTI009 l m e l = card m = N for NI microprocessor m = C for CI microprocessor e = error code for debug purposes.

Error codes for NI microprocessor (m = N):

- 00 = NI self-test has finished
- 01 = Undefined messout received
- 02 = Problem with group 2 error handling (invalid level)
- 03 = NI to CI FIFO full (128 messages lost)
- 04 = CI-1 Micro failed to initialize on power-up
- 05 = NI group 1 error handling - undefined condition found
- 06 = Bad MESSOUT number 6 encountered
- 07 = NI Messout queue fails
- 08 = NI Messin queue full
- 09 = NI priority Messin queue is full
- 10 = Bad MESSOUT number 10 encountered
- 11 = TN = 0 read from regular queue
- 12 = TN = 0 read from priority queue
- 14 = Bad TN associated with MESSOUT number 4
- 15 = Bad TN associated with MESSOUT number 15
- 50 = External RAM in range 880H-8EFH failed (MESSIN queue)
- 51 = Internal RAM test failed
- 52 = Pad RAM test failed
- 53 = External RAM test failed
- 54 = 8253 timer/counter test failed
- 55 = Slip counter test failed
- 56 = Loopback of TS 16 frame 0 failed
- 57 = Loopback of non fas TS O failed
- 58 = Echo test to CI-1 micro failed
- 255 = Loss of NI FIFO synchronization (Stop byte = 0 not found).

DTI009 error codes for CI microprocessor (m = C):

- 03 = A complete message was not received from NI micro
- 128 = Message received by CI-1 through FIFO requested an undefined task

- 129 = Message number 26 contained more than one bit set to indicate which of the ABCD bits is to be used for PPM
- 130 = An attempt was made to set the flag to invoke the pulse timer for TS 0
- 131 = A request for a task defined under Messout 30 has been received with the TN of TS 0
- 132 = Attempt was made to enable outpulsing TS 0 or TS 16
- 133 = A Messout 31 has been received for TS 0 or TS 16 with the pulse hold time not = 0
- 134 = An attempt has been made to set the bit to invoke the pulse timer for TS 0 or TS 16
- 135 = A request for outpulsing was received, but outpulsing data was not downloaded
- 137 = A request for PPM counting was received, but the was not downloaded
- 138 = A Messout 30 was received requesting a task to be performed for DTI TS 16 which is not allowed
- 139 = The 8031 on CHIP RAM failed self-test
- 140 = The TS 16 signalling RAM and/or the TS 16 pick-up buffer failed self-test.
- 141 = The CI-1 micro external RAM failed self-test
- 142 = Attempt was made to set/clear the flag used to invoke PPM pulse timing for DTI timeslot 0 or 16
- 143 = CI-2 micro responded to echo request message but response was in error
- 144 = CI-2 micro failed to respond to request echo message
- 145 = SL-1 TN of MESSOUT received is not 0 0 7 3 (self-test)
- 146 = The TN of MESSOUT 26 received was not that of TS 0
- 147 = The TN of MESSOUT 28 received was not that of TS 0
- 148 = The TN of MESSOUT 29 received was not that of TS 0
- 149 = Upon enabling the DTI pack, the CI-1 was unable to write Frame 0, TS 16 with '0B'
- 150 = MESSOUT 26 was received with the PPM counting bit (abcd) all equal to zero
- 151 = MESSOUT 28 was received with the outpulsing bit (abcd) equal to zero

152 = CI-2 failed to respond to the CI-1 watch dog message
 153 = The CI-2 failed to respond to five consecutive watchdog messages and is assumed to be out-of-service

154 = Messout received requesting the lower nibble of MFAS pattern to be written with something other than '0000'

155 = MESSOUT received requesting '0000' to be written into an 'abcd' state

156 = MESSOUT received with a TN outside the range shelf 0, card 8-1, unit 3-0

157 = CI-1, NI FIFO overflowed, and has been cleared. 128 messages were lost.

159 = Cannot request complex messaging on ch 0 or ch 16

160 = Message queue for this channel is full

161 = Message queue for this channel is almost full=

163 = TN received was not that of TS 0

164 = Continuous pulse detection not allowed on channel 0

165 = Continuous pulse detection not allowed on channel 16

166 = Maximum continuous pulse time must be greater than the minimum

167 = Cannot have PPM and Continuous Pulse Detection at the same time

168 = Cannot request PPM actions when Continuous Pulse is on

DTI0010 loop c System clock c cannot be switched in to replace active clock; or another loop is already in loopback mode.

DTI0011 c System clock c cannot be switched in because loss of service will result to the peripheral signalling pack listed.

The following fault clearing procedure may be performed.

Action: If the problem persists contact your technical support representative.

1. Identify the GROUP(s) containing the identical PS cards.
2. Identify the IGS card(s) that supplies the clock signal from the indicated clock to the GROUP(s).
3. Use OVL 39 to disable and re-enable that IGS card(s) (ENL/DIS IGS n).
4. Retry switching clocks (SWCK).

DTI0012 x Network loop/card x pack does not respond from IOTEST; loop/card x is disabled.

DTI0013 x No channel is available on loop/card x for diagnostic test. No self-test is performed on loop/card x.

DTI0014 x	Loop/Card x is in remote loop-back mode; command not allowed
DTI0015 x	Loop/Card x is not specified as primary or secondary clock reference source.
DTI0016	The DTI package is not equipped; LD 60 is not allowed to load.
DTI0017	Previous command in progress; enter END to abort.
DTI0018 x	DISI command for loop/card x aborted.
DTI0019	The loop/channel or card/channel is not disabled for self-test or it is already in the requested set/reset loop-back mode.
DTI0020 x	Loop/Card x is already disabled. No action is taken.
DTI0021	Attempt was made to disable input TTY loop.
DTI0022 x	Loop/Card x is already enabled.
DTI0023 x ch	Cannot disable/enable loop/card x channel ch.
DTI0024	Loop/Card is enabled but no response from hardware.
DTI0025 x ch	Loop/Card x channel ch is not equipped.
DTI0026 c r	Invalid input parameter to LOVF command for customer c, route r.
DTI0027 x ch	Loop/Card x or loop/card x channel ch is not in loopback test mode.
DTI0028 x ch	No test result received before timeout from the specified loop/card x or loop/card
DTI0029 x	Loop/card x is enabled but red (local) and yellow (remote) alarms exist.
DTI0030 x	Loop/card x is enabled but red alarm (local alarm) exists.
DTI0031 x	Loop/card x is enabled but yellow alarm (remote alarm) exists.
DTI0032 x	Loop/card x is in yellow alarm (remote alarm) state or waiting for yellow alarm sending seized message from hardware. Action: Do not perform the automatic/midnight self-test.
DTI0033 x	Loop/card x is in red/yellow/audit state. Command not allowed.
DTI0034 loop	Switching in clock controller is not allowed for this machine type.
DTI0035	Clock controller does not exist.

DTI0036 x	Continuity checker on loop/card x is faulty. Network loop/card x probably faulty.
DTI0037 x	Unable to read partial alarm counts from DTI hardware on loop/card x. Following alarm counts are not complete.
DTI0038 x	No channel is available on loop/card x for diagnostic. Self-test was not performed.
DTI0039 x	Continuity test failed on loop/card x.
DTI0040 x ch	Loopback test failed on loop/card x channel ch.
DTI0041 x	Network memory test failed. Action: Replace network loop/card x.
DTI0042 x ch	No timeslots available for loopback test. Loopback test not tested on channel ch. If loop/card level test, all channels greater than and including channel ch not tested.
DTI0043	Another channel already in loopback mode.
DTI0044 x	Loop/card x enabled by midnight routine.
DTI0045 x	Self-test not performed on loop/card x because loop/card x was disabled manually.
DTI0046 x	Self-test not performed on loop/card x. Loop/card x could not be accessed.
DTI0047 x	Self-test not performed on loop/card x since loop/card x is in remote loop back mode.
DTI0048 x m	DTI loop/card x, Microprocessor m failed echo message self-test.
DTI0049 x ts	Network map in software indicates that timeslot ts of loop/card x is idle but the connection memory word for that slot on loop/card x is not idle.
DTI0050 x	Continuity checker on loop/card x is faulty. Network loop/card x is probably faulty.
DTI0051	Data link is not defined.
DTI0052	Tracking rejected. Reference primary is not specified.
DTI0053	Unable to track on primary.
DTI0054	Tracking rejected. Reference secondary is not specified.
DTI0055	Unable to track on secondary.

DTI0056	Unable to access clock controller.
DTI0057	Unable to free run.
DTI0058	Supposed to free run but hardware is tracking on primary.
DTI0059	Supposed to free run but hardware is tracking on secondary.
DTI0060	Supposed to track on primary but hardware is tracking on secondary.
DTI0061	Supposed to track on primary but hardware is free run.
DTI0062	Supposed to track on secondary but hardware is tracking on primary.
DTI0063	Supposed to track on secondary but hardware is free run.
DTI0064	Cannot determine which CPU is in use.
DTI0065	System clock must be switched before proceeding.
DTI0066	Idle CPU must be switched in for active CPU before proceeding.
DTI0067 c	System clock generator c is already enabled.
DTI0068 c	System clock generator c is not responding.
DTI0069 x	Unable to track on loop/card x.
DTI0070	Clock cannot be switched. Unable to track the reference loop/card.
DTI0071	The ENCH loop/card ch command is not allowed here because the channel is
DTI0072	The ENCH loop/card ch command is not allowed because the associated D-channel is not established.
DTI0073 loop	If loop is a QPC720, then the pack is not responding. If loop is a QPC472, then ignore this message.
DTI0074 n	The clock controllers cannot be switched because clock controller n is software disabled. Action: Enable the disabled pack provided it is operational.
DTI0081	B-channel cannot be enabled until a DCH Link is established.
DTI0096	Loopback test on DTI2 is not supported.

DTI

DTI0097	Disabling of this DTI2 loop is not allowed because it is providing primary or secondary reference clock to the system and automatic switchover of the reference clocks has been disabled. Action: If this loop must be disabled for maintenance, then LD60 and enter command EREF to allow switchover of the ref clock. Afterwards, MREF can be entered to disallow automatic switchover again.
DTI0098	Command entered applies to 1.5 Mb DTI only.
DTI0099	Command entered applies to 2.0 Mb DTI only.
DTI0100 x	DTI link loop/card x is associated with an indirect command and Status Link. Loop/card x cannot be disabled until the CSL is disabled.
DTI0101	Server using channel for maintenance, cannot Remove Link.
DTI0108	No clock has been found in side S. This indicates that either there is no clock in side S or the clock installed in side S has its shelf-side switch set wrong.
DTI0200	WARNING: There is an active clock controller on the digital trunk card. If your intent is to remove the card from the shelf, disable the clock controller before removing the card from the shelf.
DTI0202 I	DTI loop I with LCMT B8ZS cannot be enabled because a QPC720 card is required.
DTI0203 I	DTI loop I with ESF framing format cannot be enabled because a QPC720 card
DTI0204	PRI2 card cannot be enabled because it may be in a wrong slot.
DTI0205	Clock found in group G side S is different from its address found during system initialization. No attempt to overwrite the address found during initialization.
DTI0206	More than one clock has been found in side S. The information on Group of the extra clock(s) is provided.
DTI0207	No clock has been found in side S. This indicates that either there is no clock in side S or the clock in side S has its shelf-side switch set wrong.
DTI0208	The command requested by the craft person is not applicable for Phantom DTI2 loops. Repeat the command on non-Phantom DTI2 loops.
DTI0300	ENL TDMI c u command not performed (see LD 96)
DTI04130	Incompatible protocol between the interfaces.

Action: If this error continues, report it.

DTI4131 Incompatible protocol between the interfaces.

Action: If this error continues, report it.

DTI4132 ENCH L C command is not allowed because the associated D-channel is not established.

DTI4135 Cannot enable DTI loop unless the TMDI card is operational.

Action: Ensure card is plugged in, then enable the card in overlay 96.

DTI4136 Attempt to enable T1E1 application or port failed.

Action: Try ENLL again, or try RST TMDI command in overlay 96.

DTI4137 Attempt to enable T1E1 port failed.

Action: Try ENLL again, or try RST TMDI command in overlay 96.

DTI4138 SET MSDLMISP PTR failed during enabling of T1E1 port. Data corruption may have occurred. Problem may be correct by system initialization. If not, contact system support.

DTRK—Digital Trunk Diagnostic (LD 60)

The DTRK messages indicate problems with Digital Trunks detected by the resident Trunk Diagnostic program.

DTRK messages

DTRK0433	Timeout when waiting for ready to outpulse.
DTRK0434	Timeout when waiting for stop outpulse.
DTRK0435	Failure to receive second half of BUR signal on digital trunks.
DTRK0436	Digits received before seizure acknowledge sent.
DTRK0437	Failure to receive second half of OPCA or OPRC.
DTRK0438	Timeout when waiting for first half of next OPCA or OPRC.
DTRK0439	Timeout when waiting for second half of network call transfer (NXFR) flash.
DTRK0440	Failure to receive second half of WNKS signal (GLARE CONDITION).
DTRK0500	A Forward Release message has been sent on loop/card I channel ch and has not been acknowledged by a Backward Release. Action: Check the configuration of the trunks at both end if the problem occurs regularly. (SICA tables in OVL 73 and FRIN, FRRC, and RLSM in LD 16).
DTRK0501 tn	A WNKS signal of invalid duration has been received.
DTRK0502 tn	An unexpected seize message has been received on a disconnecting trunk.
DTRK0503 loop channel	An unrecognized message subtype in Messin 28 received from DTI2 loop on CDT2 card.

DTRK

DTRK0504 loop channel DP digits collection report received from CDTI2 trunk which is not defined with CLS DIPP.

DTRK0505 loop channel A recognized DP digits collection report from CTI2 trunk.

DTRK0506 loop channel A problem was discovered by CDTI2 FW during DP digits collection.

DTRK0507 loop channel An unexpected CDTI2 CIS special signalling input received. It is permissible only for CDTI2 loops with CISFW=YES defined in LD73.

DTRK0508 loop channel An unrecognized CDTI2 CIS special signalling input received.

EDD—Equipment Data Dump (LD 43)

The Equipment Data Dump program is used to keep equipment data on the system storage device up to date. When the datadump Overlay program is invoked, data in the read/write memory is written to the storage device at the location reserved for it. This includes any data that has been changed or added.

The program can be invoked daily as part of the daily routines or loaded manually. Problems with the datadump operation are indicated by EDD messages.

EDD messages

EDD0000	Ready for commands.
EDD0001	Storage device unequipped.
EDD0002	Storage device busy. Wait until idle.
EDD0003	Storage device not ready. Action: Check that tape cartridge or diskettes are correctly seated.
EDD0004	Storage medium is write protected. Action: Remove write protect.
EDD0005	Tape unit has sensed an early warning mark while attempting to write a test record. The tape is probably full. Action: Do not attempt to dump to remaining tapes. Notify Northern Telecom.
EDD0006	Storage device read error. Action: Attempt dump again.

EDD

EDD0007	Storage device write error. Action: Attempt dump again.
EDD0008	Storage device disabled.
EDD0009	90 minute timeout.
EDD0010	Invalid command or incorrect parameter.
EDD0011 x y	Successive records with identical record numbers track 1 (or 3). See EDD014.
EDD0012 x y	Records out-of-order track 1 (or 3). See EDD014.
EDD0013 x y	Successive records with identical record numbers track 2 (or 4). See EDD014.
EDD0014 x y	Records out-of-order track 2 (or 4). Errors EDD11 to 14 have two parameters: x = the record number expected y = the record number found According to the pattern of errors, the storage medium may or may not be all right to load. Second attempt is recommended.
EDD0015	Storage device has no existing data. Cannot dump.
EDD0016	Incorrect data. Dump is inhibited to prevent writing bad data to storage medium. Action: Investigate and clear any SYSxxx messages which may appear concurrently with this message, then attempt to datadump onto a second copy of the Storage medium. If EDD016 is printed again, enter the EDD CLR command, then reload from the new copy to check that data is now valid. If this is done after a reload, the only further cause would be CED203. On dual-memory machines, the indicated memory pack should be retested and reenabled (data will be copied from the other memory). If this fails again (or for single memory machines), use EDD CLR to dump data to a second copy of the storage medium, then reload and check any SYS or INI errors for possible data corruption.
EDD0017	Not enough unprotected data space available for storage device buffer. The buffer requires the defined threshold number of words of unprotected data; i.e., the size of records to be written (the space is used only while the datadump is running).

EDD0018	Error occurred during an attempt to write a test record. It may indicate storage medium or storage device problems. Action: Make a second attempt with the SP option. Use LD 37 for more diagnostic information. Data on tape should remain intact, as long as the SP option is used.
EDD0019	Faulty Map. Memory allocation map to be dumped is invalid. Action: Use LD 29 to correct the dump map. The CLR option overwrites the error condition but if used, data will likely be lost at the next SYSLOAD.
EDD0020 c	EOF tape write fault; record count c (normally 9). X08: Tape unit not idle. Attempt dump again.
EDD0021	Tape unit not idle. Attempt dump again.
EDD0022	Data corrupted in tree block.
EDD0023	Double density loop has single density card in upper unit.
EDD0024	Tape ID does not match system. Incorrect cartridge being used.
EDD0025 a b t	The tape unit has sensed the early-warning mark but is unable to write an end-of-file mark. Two possible causes are: 1. Record "a" does not match record "b", and/or 2. Record "b" is not a data record (e.g., the record that was read was type t when a data record was expected). In either case, do not dump to remaining tapes.
EDD0026	MSI is reading from the floppy backup instead of the hard disk primary device.
EDD0027	End-of-Data (EOD) sensed on the last disk in the set.
EDD0028	Floppy disk insertion timeout.
EDD0029	Floppy disk is write protected.
EDD0030	Floppy disk backup or restore function timeout.X08: Faulty map. Memory allocation map to be dumped is invalid. Action: Use LD 29 to correct the dump map. The CLR option overwrites the error condition but data will likely be lost at the next SYSLOAD.
EDD0031	Not all of the floppy disks needed to complete the function are in the drives.
EDD0032	"Restore function done" was sensed before all floppy disks were restored.

EDD

EDD0033	Command not allowable for systems not equipped with a hard disk primary device.
EDD0034	DIP switch on MSI is not set for hard disk.
EDD0035	Configured loops exceed system loop limit.
EDD0036	Hard disk not ready.
EDD0037	Data error on disk media.
EDD0038	“HM” option is not allowed because the BGD is not equipped.
EDD0039	Audit indicates Peripheral Controller and the superloop data do not agree. The datadump is aborted. Action: Redefine the Peripheral Controller or superloop data using LD 97, or use the SA option for the EDD command.
EDD0040 c	It does not allocate storage either for ovflw_ptr_block or ovflw_Index_block. Action: Remove all the authcodes for customer c and create new authcode for it.
EDD0041	Your GPHT data is corrupted.
EDD0047	Insufficient UDATA for EDD GP. Action: Suggest initialize and try EDD GP command again.
EDD0048	No patches found on tape (for use with EDD GP option).
EDD0049	Cannot do a GP option with a GP option.
EDD0050	Attempt to dump card with wrong density.
EDD0060	Not able to allocate enough unprotected data store (UDS) for authcode conversion. Auth data block and sorted table are not converted. The required number of words in UDS is displayed.
EDD0074	Conversion: number of leading digits to insert for digit manipulation table is greater than 20. The table is lost.
EDD0075	The digit manipulation table being converted is lost. Either 256 tables already exist or unprotected data store cannot be allocated.
EDD0076	The Classcode of the authcode being converted does not match any in the Auth table. The authcode is discarded.

EDD0080	GP option requires International Supplementary Features (SUPP) package 131.
EDD0081	DP option requires International Supplementary Features (SUPP) package 131.
EDD0082	Numbers expected after EDD DP. Action: Enter: EDD DP xx xx, where xx is the patch number. EDD DP only dumps data.
EDD0083	Patch number does not exist; is out-of-range; or is not tagged for saving. Occurs during an EDD DP operation.
EDD0100	Corruption in FFC tree.
EDD0101	Dynamic memory request has failed; there is not enough Unprotected data space available to buffer the Patch data. The Patch buffer requires 383 words--the Patches have not been saved. Action: Increase your Unprotected memory size via Service Change and perform Data Dump.
EDD0102	There was a data base conversion between the Source data base and the Target Release issue. No backward datadump is allowed.
EDD0103	Corruption has occurred in the FFC RPA tree.
EDD0104	Corruption has occurred in the DN PSA tree.
EDD0105	Corruption has occurred in the System Parameter Blk.
EDD0106	The data of a set being moved by automatic set relocation is not dumped because its originating TN is already occupied. Action: The set data must be re-entered.
EDD0107	Flash interface not idle.
EDD0108	Backup timeout.
EDD0109	Backup failed.
EDD0110	Invalid Flash selection
EDD0111	Erase timeout.
EDD0112	Security check failed.
EDD0113	Flash checksum failed.

EDD

EDD0114	Cannot find DSL data.
EDD0115	Cannot find USID map.
EDD0116	Cannot find protected Multipurpose ISDN Signaling Processor (MISP) loop block.
EDD0117	TN of agent key on ACD supervisor does not link to an ACD agent.
EDD0118	EDD DR1 cannot be performed if a service change has been performed.
EDD0119	Corruption is detected in the data structure for TTY x. Data for TTY x is not dumped.
EDD0120	Data dump is inhibited, since an IDC tree and its related SDID tree are found to be inconsistent. Load Overlay 49 to correct the problem. If need to perform the data dump regardless, use EDD CLR option. Warning: The EDD CLR command will cause the inconsistent IDC and SDID tree to be dumped to the storage medium.
EDD0121	Cannot create alarm management db directory.
EDD0122	Cannot create/open alarm management db file.
EDD0123	Cannot close alarm management db file.
EDD0124	Cannot make a backup of the existing alarm management data base.
EDD0125	Error occurred writing alarm management data base.
EDD0126	Not all patches are saved on the CPU backup flash drive.

EHM—Automatic Patch Retention

The EHM messages are related to the Automatic Patch Retention Tool. This tool is used only by qualified personnel.

EHM messages

EHM0000	Patch Retention Tool program identifier.
EHM0001	Invalid input character.
EHM0002	Invalid or ambiguous command.
EHM0003	Invalid number of parameters.
EHM0004	Parameter out-of-range.
EHM0005	Patch does not exist.
EHM0006	No patches exist.
EHM0007	Global procedure does not exist.
EHM0008	Patch checksum value incorrect. XOR of GLOBS, OFFS, OLDWORDS, NEWWORDS.
EHM0009	Insert patch (or remove) has failed, or is already INS (OOS).
EHM0010	Configuration error.
EHM0011	An active patch may not be changed or removed.
EHM0012	This patch already exists.
EHM0013	A password is required for this command.

EHM0014	Do not attempt to INS (or OOS) a patch already in service (or out-of-service).
EHM0015	Do not patch an Overlay that is already patched.
EHM0016	Do not mix Overlay and resident procedures.
EHM0017	Incorrect name or number entered, CMD is out.
EHM0100	WARNING: Maximum patch size has been reached.
EHM0260	Op-code specified does not match.
EHM0261	Invalid Global or Offset specified.
EHM0262	All eight breakpoints are already in use.
EHM0272	Cannot set the breakpoint in Global BRKPOINT.
EHM0275	Patch page specified is invalid.
EHM0280	Problem clearing patchpoint.
EHM0300 nn	Patch insert OK. Where: nn = Patch reference number (0-49).
EHM0301 nn	Patch is not re-inserted after SYSLOAD. Where: nn = Patch reference number (0-49).
EHM0306	This command is not valid in LD 7.
EHM0400 nn	Patch removed. Where: nn = Patch reference number (0-49).
EHM0401 nn	Too many Initializations for this Patch. Where: nn = Patch reference number (0-49). Contact technical assistance center.
EHM0500 nn	Patch deleted after SYSLOAD. Where: nn = Patch reference number (0-49). This patch is for an invalid issue/version, or there is a data fault. Action: Contact technical assistance center.
EHM0501 nn	Out of Protected Data Storage. Where: nn = Patch reference number (0-49).
EHM0600	WARNING: This global patch is used in another patch.
EHM0602 nn	Out of Protected Data store (P-Data). Where: nn = Patch reference number (0-49).
EHM0660	Unknown MDP Error.

EHM0661 Unable to allocate patch table.

EHM0662 Patch table is not empty.

EHM0663 Unable to allocate patch block.

EHM0664 Patch/version issue is incorrect.

EHM0700 No input for patch created.

EHM0999 Invalid password.

Action: Either set GRC to NO or set one, or both of the Equal Access toll call sequences (NTOL and ITOL) to Deny.

EMR— Emergency Key (ACD)

In the event of an emergency situation, an ACD agent can press the Emergency (EMR) key to establish a No Hold Conference with a supervisor, and begin recording the call. When the key is pressed an EMR message appears on the TTY noting pertinent information.

EMR messages

EMR0100 This message is output to the TTY when an ACD Emergency key is pressed. The message appears in one or more of the following formats:

EMR100 RC L S C U RR MMM

EMR100 AG XXXX YYYY

EMR100 OR L S C U RR MM

Where:

RC = Recording trunk for the emergency recorder

L = Loop for the recording trunk

S = Shelf for the recording trunk

C = Card for the recording trunk

U = Unit for the recording trunk

RR = Recording trunk Route number

MMM = Recording trunk Member number

AG = Agent that pressed the EMR key

XXXX = ACD DN assigned to that agent

YYYY = Agent Position ID (POS ID)OR = The Originator

ERR—Error Monitor (Hardware)

This resident program monitors call processing continuously. When the call processing software detects information that is not in the correct format, or when invalid information is detected, an ERR message is printed.

ERR messages

ERR0010 loop Input message from unequipped loop. If the loop is physically present, then either it should not be there or the data is incorrect. If the loop is not present, the peripheral signaling card on that shelf is suspect.

Action: Run Background Signaling and Switching Diagnostic (LD 45).

ERR0020 l s c Input message received from unequipped PE pack l s c. No data exists for any TN on this pack, which is disabled to prevent further input.

If all messages from same pack or from same PE shelf. Suspect:

PE pack l s c (if present)

Peripheral buffer on loop l shelf s

Network loop s

Cables connecting network and peripheral shelves

Other PE packs on loop l shelf s connectors

If all messages from loop L (various shelves). Suspect:

1. Network loop l or associated cables or connectors

2. Any peripheral buffer pack on loop l.

For SL-1 XN: Messages occur only when a specific System Clock Generator (SCG) is providing clock and loops in all groups are affected. Suspect:

1. QPC411 SCG providing clock when messages occur

2. Any QPC412 Intergroup Switch (IGS).

Messages occur only when a specific SCG is providing clock and loops on both shelves of one group are affected. Suspect:

1. QPC412 IGS associated with affected group when messages occur
2. Cable connecting the SCG and IGS packs via the Junctor

Messages are all from loops on the same network shelf. Suspect:

1. Peripheral signaling pack on affected shelf
2. QPC412 IGS on affected shelf
3. Any network, conference or TDS pack on this shelf.

Messages occur only when a specific CPU is active and only one group is affected. Suspect:

CE Extender connecting CPU to affected group, or
interconnecting cables.

If all messages are from the same XMLC/XDLC, then the XMLC/XDLC is to be unplugged and reinserted (Option 11 only).

ERR0027 Too large, invalid greater than 3 auxpm out-of-range.

ERR0030 x x tn rtclock NE-500 output buffer overflow. NE-500 set buffer may not be large enough or is not being emptied.

Action: If the error messages are from the same TN, check the station or 500/2500 line card for defects. If the message persists, notify the operating company.

Minor alarm lamp lit on attendant console for ERR030 281 1 TN only.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0031 x x Output buffer overflow (as ERR030). An RPE message lost.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0040 x x tb rtclock SL-1 telephone output buffer overflow. SL-1 telephone buffer may not be large enough.

Action: If the error messages are from the same TN, check the station or SL-1 line card for defects. If the message persists, notify the operating company.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0045 tn Invalid DN stored against buzz key.

Action: If the set is equipped with a buzz key, check that the DN stored against it is valid. Otherwise, print (using LD 20) all information for that SL-1 telephone and notify the operating company.

ERR0050 x x tn SL-1 telephone DN has too many appearances.

Action: For each DN on the specified SL-1 telephone, check that the DN has at most 16 appearances. Otherwise, notify the operating company.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0060 tn Invalid TN.

Action: Check that the Digitone receiver with the given TN is defined in data.

ERR0070 tn x y z Input from software-idled Digitone receiver.

Where:

x = rtclock

y = start time when ttr idled

z = allowed wait time before printing msg

x, y, z in half millisecond increments

Action: Perform digital receiver diagnostic. Use DTR 1 s c (u) command in LD 34.

ERR0071 Charge_son never a main_cr.

ERR0076 Music trunk has a bad Call Register in active Call Register (CR).

ERR0077 Music CR has a bad conference TN.

ERR0078 Music CR has a bad auxpm.

ERR0079 Music on hold has improper Call Register (CR).

ERR0080 tn key Key input from software-unequipped add-on module.

Action: Check SL-1 telephone data. Ensure that add-on module is defined and that key number is less than last key.

ERR0081 Music source has improper Call Register (CR).

ERR0090 tn Answer supervision received but more digits to be outpulsed.

Action: Check with central office for a bad trunk.

ERR

ERR0091 tn	A call through the network trunk was camped on for 40 min. The call is disconnected.
ERR0092 c r s	A radio paging system has failed. All trunks on that route have been made maintenance busy. Output: c = customer, r = route, s = system.
ERR0100 tn	Invalid starting arrangement specified for trunk. Check trunk data and modify start arrangement as required.
ERR0110 tn	Invalid protected trunk line data. Action: Check trunk data and modify as required.
ERR0115 tn	Unable to locate route block indicated by trunk data. Action: Check trunk data: Customer number, Route number.
ERR0120 tn	Trunk not released by far-end. Action: Have trunk checked at central office for release failure.
ERR0130 tn	Invalid DN hunting data. Action: Check that the hunt DN defined for the TN is correct.
ERR0140 tn	Invalid off-hook message. Action: Check the card indicated and the size of the input buffer. Check traffic statistics.
ERR0150 r/c	Automatically Identified Outward Dialing (AIOD) route r or customer number c is nonexistent. Action: Correct ACNO and/or ARNO in trunk route data blocks.
ERR0160	Invalid AIOD station identification. Station ID must be four digits. Action: Check APRF and AATT in customer data block and ATTK in route data blocks of incoming Tie trunks.
ERR0170	Undefined AIOD output message. Minor alarm lamp lit on attendant console. AIOD station or trunk identification is missing. Action: Use LD 36 and set AIOD MSG to display the data. Check ADID in trunk data blocks and AATT in customer data block.
ERR0180 x x rt clock	Trunk output buffer overflow. Trunk output buffer may not be large enough. Action: If the error messages come from the same TN, check for defects on the trunk. If the message persists, notify the operating company.

x x represents reference numbers for the message. These numbers normally do not concern the user.

ERR0182	Route type has been changed to ISA.
ERR0183 dnis tn	DNIS calls cannot terminate because the IDC Translation is invalid, or the terminating station is not an ACD-DN.
ERR0184	A Global CREF number is needed for any service message.
ERR0185	Invalid maintenance state in the service message.
ERR0186	Change status (i.e., octet 3 error).
ERR0187	Mini-CDR is not supported with DNXP or CDRE.
ERR0190	Overload TN stack overflow. Action: Correct the overload condition indicated by previous OVD messages.
ERR0200 c tn	Invalid customer c in unit block. Action: Correct the data for the specified TN.
ERR0201	No customer ptr set.
ERR0203	Ulptra not set.
ERR0205 c tn	Invalid customer c in unit block. Action: Correct the data for the specified TN.
ERR0206	Let group data audit get rid of all pointers.
ERR0210 r/c	Route r or customer c is invalid. Action: Correct the data in the trunk data block.
ERR0215 r/c	Recorded Announcement (RAN) route r or customer c is nonexistent. Action: Correct RAN route or customer number in route data block or customer data block.
ERR0220 r c	No response (control pulse) return from all trunks on route r for customer c. Minor alarm lit on attendant console. Action: Check RAN machine in operation. Use LD 36 to check RAN trunk and RAN machine.

ERR

ERR0221 r c	Procedure NWK/DIGPR. Intercept treatment assigned as RAN. RAN route r for customer c does not exist.
ERR0225 c p	The Call Detail Recording (CDR) port p for customer c is not a CDR device. Action: Correct the data so that the port is not a CDR device, or connect the correct CDR hardware.
ERR0226 tn	Bit was set for trunk idle. Missed operation of call transfer.
ERR0230	Protected ARS pointers incorrect. Action: Print out and correct ARS data.
ERR0231	Location access code for a VNET route not found.
ERR0232	No ARS ADB data was found for network calls.
ERR0235	Invalid ARS route number. Can occur if an ARS schedule block contains a valid route that has no members. Action: Print out and correct ARS data.
ERR0240	Inserted digits for a route do not begin with the access code for that route. Action: Print out and correct ARS data.
ERR0245 tn scl	Nonexistent or invalid speed call list number SCL. Action: Correct speed call list number for the TN or provide the list number by service change.
ERR0250 c r x	AIOD route number is not an AIOD route (x). Route data block for outgoing CO route contains invalid AIOD route number. Action: Correct CO route data block.
ERR0260	Incomplete calling number information. Check ANI_LDN, ANI_TRK_NO and ANI_ATTN_NO to form complete 7-digit number.
ERR0265 g	DND key used to determine status of nonexistent group g. Action: Print out and correct data.
ERR0266 mg sg	Secondary DND group sg was encountered during the processing of a main group (sg) that did not exist. Action: Print out and correct data.
ERR0267 mg sg g	A secondary group (sg) contains another group number (g).

Action: Print out and correct data.

- ERR0269 c tn Procedure FIND_ARSQPTR failed. TN has suddenly disappeared during the processing of a call involving it. The TN may have been removed from service while someone was making or receiving a call on it.
- ERR0270 Overflow of OVD_TRK_LIST. The trunk identified by the accompanying OVD003 message may not be automatically re-enabled.
- ERR0275 x ARS schedule block (x) not in data but is invoked by certain codes.
Action: Print out and correct ARS data.
- ERR0280 tn1 tn2 Ring Again activated by TN1 was unable to access trunk tn2 due to trunk access restrictions.
Action: Ensure that all trunks in the route have the same Class-of-Service.
- ERR0285 tn Voice call to invalid DN from set. Ensure that voice call key does not point to mixed, multiple appearance or invalid DN.
- ERR0290 Invalid incoming DP precedence digit.
- ERR0291 Invalid incoming MF precedence digit.
- ERR0300 tn Customer has no Dial Intercom Group (DIG) defined or DIG package does not exist.
Action: Review office data and notify operating company.
- ERR0301 tn DIG group does not exist for this terminal number.
Action: Check group number on DIG key for this set.
- ERR0302 tn **Action:** Check group number on DIG key on this set.
- ERR0303 tn Originating DIG group is not the same as the terminating group for this key and DN.
Action: Check DIG group for specified TN.
- ERR0304 tn Set does not belong to the same customer as the DIG.
Action: Check DIG list for the set.
- ERR0305 Invalid tstl linkage.
- ERR0306 Customer translation failed.

ERR

ERR0307	TNS actv.cr does not point to Call Register (CR).
ERR0319	Bad LLC blocking value found.
ERR0367	Son call register is an orphan, idle it.
ERR0400	Customer data block missing.
ERR0401	NFCR pointers table missing.
ERR0402	CRCS table missing.
ERR0403	Tree pointers table missing.
ERR0404	No default tree exists.
ERR0405	Tree was service-changed.
ERR0406	NCOS not defined in procedure CODE_RESTRICTION.
ERR0418	MFC TN of active MFC S/R not.
ERR0500 dn tn	Message Waiting lamps for the set listed have been found faulty by the system (use LD 31 to test lamps). If messages indicate that: 1. one unit is faulty, suspect lamp of set, unplugged set 2. all units on one pack are faulty, suspect line card 3. all units on one more shelves are faulty, suspect power
ERR0510	The number of digits used for LEC and ANI DN together do not comprise exactly 7 digits when trying to transmit ANI information to a CIS analog/DTI trunk. The least significant digits of the ANI DN will be omitted. Action: Check LEC prompt in LD 16 and ANI DN used.
ERR0547 c g dn	Invalid DN or disallowed Tenant DN for group (g) call for customer c. Action: Check data for group and correct via service change.
ERR0548 c g	Group g for customer c does not exist or is invalid. Action: Check group data and correct via service change.
ERR0600	Invalid supervisor TN in Automatic Call Distribution (ACD). Action: Check ACD data for the TN.

ERR0605	Agent-ID table is full.
ERR0606	High-speed link is not defined.
ERR0607	High-speed link Serial Data Interface (SDI) is disabled.
ERR0608	High-speed link status is 'down'.
ERR0609	Low-speed link is not defined.
ERR0623	Customer pointer not valid or is missing. Between the time of origination and the time the error was generated, the pointer to the customer data block was corrupted. (SET CUST PTRS fails).
ERR0624	ESN data block or NTCL data block pointer invalid or missing. A NARS/BARS/CDP DN has been dialed but the ESN or NTCL block has not been set up.
ERR0625 x y z d	Pointer to NARS/BARS/CDP translation data is not valid, or missing. The pointer to the NARS/BARS/CDP translation data does not exist for the access code dialed (enter network data through service change). Where: x = Customer Number y = NARS/BARS/CDP Route List Index z = NARS/BARS/CDP Current Entry d = Digits dialed to attempt NARS/BARS/CDP access.
ERR0626	NARS/BARS is not available due to feature packaging but a NARS/BARS access code is in the system and was dialed.
ERR0627	Translation data is corrupted; invalid translation type. NARS/BARS/CDP translation data specifies a call type not recognized by call processing software (corrupted protected data).
ERR0628	Route List data cannot be accessed. Route list specified by NARS/BARS/CDP is not in the system (add route list data through service change.)
ERR0629	Trunk route data cannot be accessed. Trunk route is specified by NARS/BARS/CDP data but the route data block is not available.
ERR0630	Location route data is invalid. When attempting to perform conversion from an on-net to an off-net number, it was determined that the location route data block has invalid data.

ERR

ERR0631	Route list entry data is at fault. Occurs when route list data has been changed between the time a route list entry has been selected and when the route has been seized (pointer to route list entry cannot be found).
ERR0638	Invalid NXX code.
ERR0639	Free Calling Area Screening (FCAS) data cannot be accessed.
ERR0700 tn	MFC signaling error threshold exceeded. Action: Use LD 54 to test MFC channels.
ERR1001	An invalid primitive was received from the DCHI card. Action: Use LD 54 to test MFC channels.
ERR2139	DN assignment is not allowed for this key.
ERR3000 x	The buffer is not empty. Count for APL link x exceeded the system limit. The SDI card may have hardware problem. Action: Disable the TTY and start IOD program to test out the TTY.
ERR3001 x	APL link x is down due to transmission problems. The problem can be TTY hardware problem, transmission line problem or AUX processor problem.
ERR3002 x	The number of NAK messages within last 30 min exceeded the system-defined limit of 10. APL link x may have transmission problem. This APL link has an occasional hit on the line. Action: Check the transmission facility for foreign noise introduced to this link.
ERR3003	Remove_Apl_OQ. Message CR is not in QU_APL_OP queue.
ERR3004 x	The number of times the link has no acknowledge signal sent from the other side exceeds the system limit of 10. APL link x may have a transmission problem. This APL link has occasional hit on the line. Action: Check the transmission facility for foreign noise introduced to this link.
ERR3007	Special Common Carrier (SCC) data table is required and is not found.
ERR3010 dn	The DN sent from the AUX, in Message 7 is invalid for Message Waiting Indication. The AUX DN may be invalid.
ERR3011 ltn	An invalid LTN was found. The LTN table may be wrong.
ERR3012	Bad APL range (0-15).

ERR3013	APL shared by another user.
ERR3014	APL not defined in customer data block.
ERR3015	Warning: some UST user may have some problem.
ERR3016	Bad telmsg timer range (2-15).
ERR3017	No to mwc not allowed, IMS defined.
ERR3018	Change CMS from yes to no, or vice versa.
ERR3030	Member in DND group does not exist.
ERR3032	Transfer blocked due to unavailable matching timeslots.
ERR3033 c p	A Q-record is discarded because the target CTY port p for customer c is under maintenance testing.
ERR3035	Test line type/index out-of-range.
ERR3036 r s j ts	Continuity failure has occurred on assigning timeslots for speech paths. First attempt failed; tries to get new path. Parameters are: r = receive loop s = send loop j = junctor used to transmit to the RRR loop ID ts = timeslot used on transmit loop to send PCM data to the receive loop ERR3036 and ERR3037 messages refer to one-way connections so that if both one-way connections fail, either message may print out twice. ERR3036 also occurs if a loop on the QPC414 Network card is not configured. This is not an error condition. To prevent ERR3036 occurring in this case, define the loop in LD 17.
ERR3037 r s j ts	Same as EDD3036 but failed on second attempt; path is assigned anyway.
ERR3038 dn	Invalid or nonexistent intra-flow DN.
ERR3039	Process IDs do not match in AUX_KEYS. This could be due to the AUX equipment not having a Directory Number assigned at the time of an incoming call to that equipment.
ERR3040	Process IDs do not match in operator revert.

ERR

ERR3041	The output buffer to the DTI hardware has overflowed.
ERR3042	No IETI.
ERR3043	LOC NO SDI.
ERR3044	Bad ITGE data.
ERR3045	Incorrect key function defined for data TN.
ERR3046	Data TN is not defined.
ERR3047 c Loop tn	Failure for 500/2500 set Six-Party Conference c.
ERR3050	MWD not allowed if MWK key is equipped.
ERR3056 tn	TN was force disconnected due to a service change (LD 10, 11 or 14)
ERR3067	The output buffer to the tone detector has overflowed.
ERR3068 x	Call Park ID (x) returned which is now invalid, usually the result of a service change or set relocation. The invalid ID is unavailable for use as a Park ID.
ERR3069	Call is to HOT set/key but not to package.
ERR3070	Set/key is EHOT but data is defined.
ERR3071	Either the list number or the entry number for Hot key termination is invalid.
ERR3072	Failure to establish SLP conference
ERR3073	Failure to add tone to SLP conference.
ERR4010 tn key f	Predefined secondary DN key with function f on a data service ACD agent set is not MNC, MCR, SNC, or SCR.
ERR4011 tn ici	Wrong ICI key removed.
ERR4012 in cr tn msg key	Message Reference ID (MRID) mismatch between the MRID contained in the input CSL message and the MRID stored in the call register. This message indicates the CSL message is delayed. When this message repeats, the most likely problem is CPU overload. Where: in = MRID contained in the incoming CSL message (in hex). cr = MRID stored in the call register associated with the TN of the incoming CSL message (in hex).

- tn = The TN of the incoming CSL message, in packed format.
 msg = The message type of the incoming CSL message.
 key = The function of the key message. This appears when the message type is KEY message.
 Refer to Application Module Link (AML) documents for msg and key value.
- ERR4013 n t There have been n mismatches in Message Reference ID (MRID) between the active CR and AML message CR within t * 2 seconds.
Action: The CPU may be very busy: check total number of Call Registers, provision of Meridian Mail ports, Meridian Mail use, and system I/O.
- ERR4016 CSL indirect connect failed.
- ERR4017 CLS indirect disconnect failed.
- ERR4018 dn c The ACD-DN for customer c is not defined for data services.
- ERR4019 dn Invalid DN was sent from a VAS when requesting Message Waiting Indicator (MWI) update. Output: The affected DN.
Action: Check the DN. It may have been removed in the Meridian 1, but not the VAS.
- ERR4020 dn c xxx Data Service DN leaf block does not contain a valid ACD DN. Where: c = customer; xxx block contents.
- ERR4021 Meridian Mail MP alarm.
 {ESDI} {SEER class} {SEER cause}
 ESDI - ESDI port number
 SEER class - Meridian Mail SEER class number
 Minor alarm lamp lit on attendant console.
- ERR4022 mt mst vas c dn acc An incoming CSL DATA add data service DN message has been received, but not enough protected memory exists to allocate a DSDN_LIST for the customer.
 Output in hex:
 mt = message type
 mst = message subtype
 vas= VAS IDc = customer number

dn = data service DN

acc = access code

ERR4023	An incoming CSL DATA add or validate data service DN message has been received, but the data services customer option is not set. No data services DNs will be accepted. See ERR4022 for output data.
ERR4024	CSL Co-administration error.
ERR4025	An incoming CSL DATA add or delete data service DN message has been received, but the DN could not be added or removed because not enough unprotected memory exists to allocate a WORKAREA. See ERR4022 for output data.
ERR4026	An incoming CSL DATA delete data service DN message has been received, but the DN does not exist for this customer. See ERR4022 for output data.
ERR4027	An incoming CSL DATA add data service DN message has been received, but the DN could not be added because the maximum had been reached. See ERR4022 for output data.
ERR4028	An incoming CSL DATA delete data service DN message has been received, but the DN was not removed because it was not a data DN. See ERR4022 for output data.
ERR4029	An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (The DN does not exist). See ERR4022 for output data.
ERR4030	An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN was not an ACD DN). See ERR4022 for output data.
ERR4031	An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the ACD DN is not defined as a primary data service access code). See ERR4022 for output data.
ERR4032	An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN is defined for a different VAS Server). See ERR4022 for output data.
ERR4033	An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN conflicts with an existing longer or shorter DN). See ERR4022 for output data.

ERR4034	An incoming CSL DATA add or delete data service DN message has been received, but the DN was rejected because the access code was invalid (the DN already exists). See ERR4022 for output data.
ERR4035	Wrong IE for Notify Message.
ERR4036	Wrong extension bit for notification indicator IE.
ERR4037	Wrong extension bit for original called number IE.
ERR4038	Wrong IE length for original called number IE.
ERR4048 c r idc	Conflict in data base for DRC key on SL-1 set. Action: Check the specified customer, route, for IDC setting.
ERR4049	Mandatory Notification description invalid.
ERR4050 data	Intercept treatment DN not found. Action: Define intercept treatment DN in the FGD data block (LD 19). TRK tn MFR tn ID j ddd ADR j ddd Where: TRK tn = TN of the FGDT trunk (l s c u, loop ch) MFR tn = TN of the MF receiver (l s c u, or loop ch) ID j ddd = ID field, j = number of digits, dddd = digits ADR j ddd = Address field, j = number of digits, dddd = digits If the address was not received or was empty, it is not printed.
ERR4051 data	Invalid NPA in ID field. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far end outpulsing mechanism. See ERR4050 for a description of output data.
ERR4052 data	Incorrect address; cannot determine the category. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far end outpulsing mechanism. See ERR4050 for a description of output data.
ERR4053 c h a	More than 20 Attendant console Graphic Modules being updated in one time slice. Where: c = customer number h = hundreds group involved a = attendant not updated

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ERR4054	Access to the trunk was disconnected due to Timed Forced Disconnect (TFD) timeout.
ERR4055 data	This message may indicate that a caller dialed an invalid authorization code. It can also refer to MF inter-digital or inter-field timeout. See ERR4050 for a description of output data. Action: Check the ID and ADR fields to see if the digits are for a phone number or an authorization code. If it is an incomplete phone number, increase the DGTO or IFTO parameters in the FGD block in LD19.
ERR4056 data	FGD or M911 trunk received TTR input before end of start-dial wink. Output: trktn mfrtn trunkpm input_message Action: Test the FGDT trunk and MFR card.
ERR4057	CFNA cannot terminate on the Forward DN (FDN) because the FDN is an ACD-DN which is not a Message Center, or the set on which the FDN is defined does not have Message Waiting Allowed (MWA) Class of Service (COS). Action: Either redefine the FDN, or give the dialed set MWA COS.
ERR4058	Undefined or invalid Attendant Alternative Answering (AAA) DN type was found at AAA timeout. Valid types are Set DN and ACD-DN.
ERR4059 dn	Tenant to tenant access denied between the caller and the specified Attendant Alternative Answering (AAA) DN at AAA timeout.
ERR4060 SUPL loop HW c	Parameter downloading failed. Unable to send messages through Network card message interface. Action: Try to download to the card by using the appropriate enable command. Where: c = NT8D01 Controller card
ERR4061	CPG_DATA_PTR or CPG_BLK_PTR pointer is nil (DUMP module).
ERR4062	Digitone Receiver (NT8D16) failed self-test.
ERR4064 x y z	Feature is not allowed for this interface. x = DCH Interface ID y = D-channel number z = Mnemonic for the feature
ERR4067 c x	No unprotected CPG data block for CPG x of customer c.
ERR4068 c	No unprotected CPG data block for CPG 0 of customer c.

ERR4069 c	No protected CPG data block for CPG 0 of customer c.
ERR4070 c x	Customer c data block exists, but there is no CPG_PTR_BLK for CPG number x.
ERR4071 tn	The type of trunk (COT, DID, Tie, etc.) specified during the audit did not match the trunk type stored within IPE trunk card. The trunk type stored within the card has been set to the trunk type specified in the audit message. (The audit process obtains trunk type from the TN block contained within the database.) Action: If this message persists, disable and enable the offending unit with LD 32 (which causes a parameter download). If the problem persists, suspect a faulty card.
ERR4072 tn	Impedance setting conflict found on an IPE trunk during audit parameter download.
ERR4073 tn	Dialing speed setting conflict found on an IPE trunk during audit parameter download.
ERR4074 tn	Carrier pad setting conflict found on an IPE trunk during audit parameter download.
ERR4075 tn	Companding law (A-Law or Mu-Law) setting conflict found on an IPE trunk during audit parameter download.
ERR4076 tn	10pps1 conflict found on IPE trunk during audit parameter download.
ERR4077 tn	10pps2 conflict found on the IPE trunk during audit parameter download.
ERR4078 tn	20pps conflict found on the IPE trunk during audit parameter download.
ERR4079 tn	The hardware ID (type of unit (COT, DID, etc.) and signaling (LOP,GRD, EAM, etc.) is not supported by the card (XUT, XEM, or any other IPE trunk card). The software configuration no longer matches the hardware configuration for the unit. Unit is disabled. Action: Check that correct card for desired trunks is in configured slot. Check configuration of unit.
ERR4080	D-channel was not found for sending a facility Message. Output appears as follows: NTFERR a b c DIGPR a b c INVDN p a b c Where:

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a = originating digits
b = destination digits
c = customer number
p = TCAP package type

ERR4081 A Facility Reject message was received. Destination digits cannot be translated.
Output with message:

PKG: xxx NOXLAN
ORIG: xxx DEST: xxx CUST: xx

ERR4082 TCAP Package type is not recognized by Network Message Center (NMC)
feature. Output with message:

PKG: xxx
ORIG: xxx DEST: xxx CUST: xx or
CP does not support more than 4 digit DNs. Procedure ICP_ESTABLISH and
ICP_FIND_DN

ERR4083 TCAP Component is not recognized by Network Message Center (NMC) feature.
Output with message: PKG: xxx COMP: xxx ORIG: xxx DEST: xxx CUST: xx.

ERR4084 TCAP Operation is not recognized by Network Message Center (NMC) feature.
Output with message:

PKG: xxx COMP: xxx OPER: xxx
ORIG: xxx DEST: xxx CUST: xx

ERR4085 TCAP parameter is not recognized by Network Message Center (NMC) feature.
Output with message:

PKG: xxx COMP: xxx OPER: xxx PARM: xxx
ORIG: xxx DEST: xxx CUST: xx

ERR4100 Tenant TDATAPTR or route ACCESS_ARRAY block does not exist.

ERR4101 PBX output buffer overflow for Digital set.

ERR4102 Set requested to disable the unit. LAMPAUDIT disables it.

ERR4103 Touch set watchdog overflow.

ERR4104 TSET data TN not equipped.

ERR4105	An appearance of multiple appearance DN cannot answer a call. It resides either on a set with CLS that cannot receive external calls or on a set with a tenant that differs from the tenant of other sets that can answer the call. All the appearances of the DN should reside on sets that belong to the same tenant.
ERR4106	TSET downloading buffer overflow.
ERR4108 tn	Possible tip and ring reversal at central office or CO trunk card problem.
ERR4109	VASID out-of-range.
ERR4111	Incorrect key function defined for data TN.
ERR4112	Data TN not defined. An M2317 set with without data cannot have Single Call Ringing (SCR) on key 10.
ERR4113	Digital set has sent handsfree activated message, but does not have Handsfree Class of Service (HFA).
ERR4114	Data DN of SL-Touch does not have two appearances.
ERR4115	The M2317 or M3000 set has requested a restart. If set has not been manually reversed down and up and these messages consistently appear then the set, line card channel, or power supply is bad. ORIG & TERTN will show if active in a call.
ERR4116	The M2317 set has received a message when the headset was unplugged, but no message was sent when the headset was plugged in. Check to make sure that the micro is not bad. Ignore this message during sysload (all headsets should be unplugged). Action: Check to make sure that the micro is not bad. Ignore this message during sysload (all headsets should be unplugged).
ERR4117	Incorrect tree class.
ERR4118	Tree is corrupted.
ERR4119	IDC pointer is corrupted.
ERR4120	Invalid digit received by IDC.
ERR4124	Add the NSF IE to the SETUP message
ERR4125	Message CRI is not in idle queue.
ERR4126	Output queue is not allocated.

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ERR4127	Message CR is not in QU_CSL_OP.
ERR4128	Output message has length zero.
ERR4129 dn c t1 t2	The duration time set for the call in the Abandoned Call Waiting in the Source queue is invalid. Output: dn = ACD-DN, c = customer, t1 = time of day, t2 = time call arrived.
ERR4130	Wrong call reference flag. Incompatible Protocol between the interface. Action: If the error continues, file a problem report.
ERR4131	The message received has global CREF. Incompatible protocol between the interface. Action: If the error continues, file a problem report.
ERR4132	Received a SERVICE, SERVICE ACK, RESTART, RESTART ACK with a non-global CREF. Incompatible protocol between the interface.
ERR4133	For ISDN ESS #4 received a SERVICE, SERVICE ACK, RESTART, RESTART ACK with the wrong call reference flag. Incompatible protocol between the interface. Action: If the error continues, file a problem report.
ERR4134 data	First digit is not KP. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far end outpulsing mechanism, or noisy trunk. See ERR4050 for a description of output data.
ERR4135 data	Illegal size of a field. If the error repeats with the same MFR, test the MFR card. See ERR4050 for a description of output data.
ERR4136 data	Illegal MF combination. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far-end outpulsing mechanism, or noisy trunk. See ERR4050 for a description of output data.
ERR4137 data	Unexpected digit (ST', ST'', ST'''), or KP in the middle of a field. If the error repeats with the same MFR, test the MFR card; otherwise suspect a fault on far-end outpulsing mechanism, or noisy trunk. See ERR4050 for a description of output data.
ERR4138 data	Call category denied. Check if CCAN definitions in LD 19 are consistent with far end (LEC) arrangement. See ERR4050 for a description of output data.

ERR4139 data	ANI field empty when should be present. Check if CCAN definitions in LD 19 are consistent with far end (LEC) arrangement. See ERR4050 for a description of output data.
ERR4140 data	ANI field present when should be empty. Check if CCAN definitions in LD 19 are consistent with far end (LEC) arrangement. See ERR4050 for a description of output data.
ERR4141 data	Undefined information digit (I I) number received. This is an attempt by an unauthorized user. The output data is: CUST c Trm hh:mm:ss dd/mm/yyyy II-NPANXXXXX zzzzz Where: c = customer number Trm = FGD route and member number II-NPANXXXXX = FGD ID field information zzzzzz = FGD field address digits
ERR4142 data	Undefined ANI number received. This is an attempt by an unauthorized user. See ERR4141 for description of the output data.
ERR4143 data	Cannot access NARS database. Define ESN database for the customer. See ERR4050 for a description of output data.
ERR4144 data	Cannot access FGD block. Check the value of the FGDB in the route and check the definition of related FGD block. See ERR4050 for a description of output data.
ERR4145 data	100 line test DN not defined. Action: Define the 100 test line in LD 15. See ERR4050 for a description of output data.
ERR4147 data	An invalid message while waiting for MF digits. Action: Test the MFR card. Output data is mfrtn input_message.
ERR4148	An invalid message while waiting for DTR digits. Action: Test the MFR card. Output data is mfrtn input_message.
ERR4149	The output buffer to PRI2 pack overflowed.
ERR4161	Call Reference length is greater than 2.

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ERR4162 x	The length (x) of the call reference of an incoming ISDN message was incorrect. The length allowed in North America is 1 or 2. For some other interfaces, only a length of 2 is allowed. There may be a compatibility problem with the far-end.
ERR4200	Speed Call list check failed.
ERR4201	Speed cCall list CR setup failed.
ERR4202	Speed Call indexing failed.
ERR4203	Speed Call entry pointer nil.
ERR4204	Speed cCall digits to CR failed.
ERR4205	Pretranslation table being removed.
ERR4220	Secondary Control register on MSI card (QPC584) failed R/W test. Action: Check the MSI card and associated cabling.
ERR4221	MSI reading from backup device when it should be reading from primary device.
ERR4222	Auto-terminating DN defined in the trunk block for this ACD DNIS call is not an ACD DN.
ERR4225	500/2500 Set DN cannot be defined until CPND feature is configured for that set. DATA: 500/2500 set DN and packed TN Action: Use LD 10 to configure CPND feature. Use LD 95 to configure ANY Name first.
ERR4226 xx	Insufficient storage for CPND Name. Where: xx = DN or DIG group and member numbers. Action: Add memory or relocate CPND Logic page.
ERR4227 xx	Insufficient storage for DIG name table. Where: xx = DN or DIG group and member numbers. Action: Add memory or relocate CPND Logic page.
ERR4228	Wrong I.E. for message type.
ERR4229	Wrong I.E. for STATUS message.
ERR4230	Wrong I.E. for RELease message.
ERR4231	Wrong I.E. for REStart message.

ERR4232	Wrong I.E. for CONNect message.
ERR4233	Wrong I.E. for SETUP message.
ERR4234	Wrong I.E. for PROGress message.
ERR4235	Wrong I.E. for CALL PROCeeding message.
ERR4236	Wrong I.E. for ALERTing message.
ERR4237	Wrong message type.
ERR4238	Wrong coding standard.
ERR4239	BC - extension bit not right.
ERR4240	BC - information transfer not supported.
ERR4241	BC - information transfer rate/mode not supported.
ERR4242	BC - layer1 protocol id not correct.
ERR4243	BC - rate is not correct.
ERR4244	General location not supported.
ERR4245	Cause value not supported.
ERR4246	Channel id octet3 error.
ERR4247	Channel id octet5 error.
ERR4248	Channel number not exist.
ERR4249	Extension bit wrong in cause.
ERR4250	Extension bit wrong in connected number.
ERR4251	Extension bit wrong in redirecting number.
ERR4252	Extension bit wrong in redirection number.
ERR4253	Extension bit wrong in channel number.
ERR4254	Extension bit wrong in progress indicator.
ERR4255	Extension bit wrong in NSF.

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ERR4256	Extension bit wrong in calling party number.
ERR4257	Extension bit wrong in called party number.
ERR4258	Extension bit wrong in restart.
ERR4259	Detected invalid contents for call reference of an incoming ISDN message. Message is ignored. There may be a compatibility problem with the far-end.
ERR4260	CREF flag in SETUP is incorrect.
ERR4261	State message error, protocol violation.
ERR4262	NTWK ID not correct in TNS.
ERR4263	No REStart ACK message received.
ERR4264	Message received in NULL state.
ERR4265	Mandatory Channel ID missing in ALERTing.
ERR4266	Mandatory Channel ID missing in CONNect.
ERR4267	Service in NSF does not match service route.
ERR4268	PROGRESS INDICATOR not supported.
ERR4269	ZERO length for mandatory IE.
ERR4270	ZERO length for option IE.
ERR4271	TNS, BAD NTWK ID, TYPE/PLAN.
ERR4272	BC - layer id not correct.
ERR4273	Incorrect TNS Network ID.
ERR4274	Message Length exceeds buffer size (261).
ERR4275	Protocol discriminator is not compatible with a Message length greater than 2.
ERR4276	Maintenance message is only allowed in specific DCH interface.
ERR4277 c dn ifdn	Invalid Interflow destination. Where: = customer, dn = ACD-DN, ifdn = Interflow DN.

- ERR4278 c dn ifdn Invalid Night Call Forward destination specified. Where: = customer, dn = ACD-DN, ifdn = Interflow DN.
- ERR4279 No Service Ack message received.
- ERR4280 Use LD 92 to diagnose the ADM TN.
- ERR4281 Message input received from a 64 k data module has no Call Register available.
- ERR4282 d b No response from far-end to this PRA call. Where: d = DCHI number, b = B-channel number.
Action: Check the D-channel link on near and far-end switches.
- ERR4283 Both DCHs have been released. Establish the DCH.
- ERR4285 1. ACNT key defined but no ADS block defined, OR
2. This agent is not an acquired ICCM agent (RIs 22).
Action: Either take out ACNT key or define ADS block.
- ERR4286 Message count on the loop exceeds the threshold value.
Action: Refer to any OVD messages previously printed, and check the hardware for defects that generate an overload condition. Rearrange the TNs to another location or they may be disabled. Reconfigure the Loop.
- ERR4287 Customer number greater than 31 while CDRE is not packaged.
Action: Refer to any OVD messages previously printed, and check the hardware for defects that generate an overload condition. Rearrange the TNs to another location or they may be disabled.
- ERR4288 Route number is greater than 127 while CDRE is not packaged.
- ERR4289 Route number for music route is not a music route.
- ERR4291 Music route is undefined.
- ERR4293 Both DCHs out-of-service.
Action: Release/Establish both DCHs.
- ERR4300 c dn n i Invalid DN in the Speed Call List. Prints an error message and skips to the next DN. Where: c = customer, dn = Pilot DN, n = LSNO, i = INDEX value.

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- ERR4301 c dn n i Pilot DN not allowed as Trunk/Tenant Night DN. Call is diverted to customer night DN during Night Service. Where: c = customer, dn = Pilot DN, n = LSNO, i = INDEX value.
- ERR4302 c dn n i Pilot DN is not allowed speed call list. Where: c = customer, dn = Pilot DN, n = LSNO, i = INDEX value, or
Pilot DN not allowed as Hunt/CFW/MNDN when used to access a speed call.
Where: c = customer, dn = Pilot DN, tn = TN.
- ERR4304 Display DN too large to be output in CDR record.
- ERR4500 GPT Integrated Digital Access ERR: {x x x x x}
The format of the message is ERR4500 xxxx, where xxxx is as follows:
300 d -A message has been received from DTSL/DDSL d that is either unequipped or disabled.
311 d - Message length of zero read from DTSL d — suspect faulty pack.
312 d - Message length exceeding 63 bytes read from DTSL d.
313 d - DTSL d is not responding.
314 d - Status register of DTSL d is not accessible.
315 d - Data register of DTSL d is not accessible.
330 d - Message output to DTSL/DDSL d has failed.
333 d - Invalid interrupt 401 d - Message length of less than 3 bytes has been received from DTSL/DDSL d.
402 d l c - Message received on unconfigured channel c, loop l, and DTSL/DDSL d.
403 d tn - Flow control encountered on DTSL/DDSL d. tn gives packed TN of the channel.
- ERR4501 Received a PRA message with an unsupported service identifier.
- ERR4502 Service discriminator is not supported by ISDN.
- ERR4503 Message is ping-pong between 2 nodes.
- ERR4506 Facility reject received. Data: Orig PNI, Orig #, Dest PNI, Dest #, Reason. The values for “Reason” are:
0 = no transmission address of such nature
1 = no transmission address for this specific address

	2 = application congestion
	3 = application failure
	4 = unequipped application
	5 = network failure
	6 = network congestion
ERR4507 c s	Missing PNI number in the customer data block. Where: c = customer, s = service ID.
ERR4508	Received bad facility I.E.
ERR4509 s	PNI missing in RDB, where: s = Service ID.
ERR4510	ROSE component sent is being rejected.
ERR5000	Target ID is not an ACD-DN or NARS DN. Procedure: Successful
ERR5001	Target ID did not access the ISL/PRA Trunk. Procedure: SEND_CALLSETUP
ERR5002	The QPC720C PRI is required for 1.5 Mb/s GPRI; otherwise, the MU/A law conversion and loss level adjustments will not function properly.
ERR5003 x	An incoming message, shorter than 5 octets, is ignored. The message should have a minimum of 5 octets if {n} is equal to 2. Where: x = the length of call reference in hex.
ERR5010	ISDN: Receive a Status messages with CAUSE = 30. This was in response to Status Enquiry but SL-1 did not send out a Status Enquiry message. Output format: DCH = x, IFC = x. Where: x = D-channel number and x = Interface Type
ERR5011 x	Received IE is in the wrong codeset; where: x = IE index.
ERR5012 x	Received IE is wrong in the High Layer Compatibility. Where: x = wrong IE information.
ERR5015 x y z	D-channel is interfacing with a software issue not supported by the application. Action: Be sure the software release of the far end is correctly defined by prompt RLS in LD 17. Output: x = D-channel number; y = the last digit of the release ID (for example: if LD 17 prompt RLS = 16, then y = 6); z = application ID.
ERR5016	Wrong extension bit for information request IE.

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ERR5017 c	Customer c should have a common printer defined. Procedure ICP_GET_PRINTER.
ERR5018 t	Tenant t should have a common printer defined. Procedure ICP_GET_PRINTER.
ERR5019	This TN should have a printer configured. Procedure ICP_ESTABLISH and ICP_GET_ATTN_PTR.
ERR5020	That information request type is not supported. Output: x = D-channel number y = the last digit of the release ID (for example: if LD 17 prompt RLS = 16, then y = 6) z = application ID. Action: Ensure the software release of the far end is correctly defined by prompt RLS in LD 17.
ERR5021	Wrong length for information request IE.
ERR5022	The specific information requested is not supported.
ERR5024	The auto-terminating number for this In-band ANI route is not an ACD-DN.
ERR5025 x	A call originating or being tandem switched though on this switch is trying to insert more than 8 digits in the calling party number for an AXE-10 interface. Only eight (8) digits can be included in the calling party number, or the digits are truncated to the right. Where: x = DCH Interface number for the SETUP message. Action: Modify LD 15 PFX1 and PFX2 so that PFX1+PFX2+DN is less than 8 digits.
ERR5026	Multi-Tenant alone or with CPG level services is enabled. The caller is denied access to the CPG Night DN. This is an illegal configuration. Tenants sharing the same CPG should be allowed access to each other.
ERR5027	Stepping action is aborted. Stepping to an ISA route is not allowed. Action: Use LD 16 to correct the stepping route number.
ERR5028	Stepping action is aborted. Stepping to an ISA SERVICE route is not allowed. Action: Use LD 16 to correct the stepping route number.
ERR5029	Reverse call charging is not allowed. Please disregard the call charging information received from the network.

ERR5030	Information in the TYPE field of the Information Element is invalid.
ERR5031	The network will disregard the ISDN call charging information received, because the call was never properly established.
ERR5032	The HM_STRUCT for a set is missing in the procedure WUK_LAMP_FLASH, or the HM_STRUCT for a set is missing or the set does not have CCSA Class of Service procedure WUK_DARK_OR_LIT. Data corruption.
ERR5033	An invalid lamp state has occurred in the procedure WUK_DARK_OR_LIT. Either there is a request and the Wake Up Key (WUK) lamp is not lit or there is no request and the WUK lamp is lit.
ERR5034	aux_custptr [] = NIL in procedure store_awu. Data corruption
ERR5035	Unable to find a primary appearance DN to store the Wake Up call. Procedure wuk_get_tn or ffc_find_awu_tn. Cannot proceed.
ERR5037	A restart message has been sent twice, but the far-end has not responded with the proper RESTART ACK message. The PRA B-channels are left in a maintenance busy state. The ISL trunks are not marked as maintenance busy if they revert back to a conventional trunk (option enabled). Action: Check the D-channel status for both ends in LD 96. Try to disable and reenale the D-channels.
ERR5039 D	The Virtual Network Service (VNS) message received is discarded because the VNS package is not equipped. Where: D = D-channel number.
ERR5040	No idle channel is available for a VNS customer.
ERR5041	VNS mismatch due to timing. Depending on frequency, this may or may not be a problem.
ERR5043	Invalid date information element for PRA messaging.
ERR5044	No posttransl blk defined in pd. Pretranslation.
ERR5045	No RPA FFC PARM blk defined for the RPS.
ERR5046	DN does not exist in the RPA-DN tree (table).
ERR5047	RPA does not support diversion to manual RPS.
ERR5048	RPA traffic block pointer in RPA SYS PARM blk is nil.

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ERR5049	Rising edge of Call Accepted signal is either too short or too long from trailing All Digits Revd signal.
ERR5050	Rising edge of Start Talk signal is either too short or too long from trailing Call Accepted signal. Speech path will not be provided; call can be answered in normal manner.
ERR5051	NO RPCD data defined.
ERR5054	The ISDN call charging information exceeds the limit of 9 digits. Please disregard the charging information message from the network.
ERR5055	Unable to generate End-to-End Signaling tone due to one or more of the following 1. No available conference slots. 2. No available TDS slots. 3. No available junctor slots or time slots to establish speech paths among all involved parties, conference, and TDS cards. Action: This is most likely a traffic problem. Check your traffic reports for the hour to isolate the problem. If necessary, add hardware.
ERR5056 l s c u	An invalid EES lamp state exists on the Attendant console. The TN (l s c u) is output.
ERR5057 A D O T	The D-channel interface for routing Network Message Service (NMS) facility messages is not an SL-1 interface. Please verify your data base configuration. A = operation code for TCAP protocol D = the D-channel sending FACILITY message O = Originating digits T = Terminating digits
ERR5058 A O T	Please check the system registers resources. Cannot obtain call register to simulate the configuration request for sender feature originated at remote switch. A = operation code for TCAP protocol O = Originating digits T = Terminating digits
ERR5059	No DNP message is sent to the Meridian Mail server. The DNP message for ISDN/AP is not retrieved for a conference call to the Meridian Mail server when activated from a remote switch.

ERR5060 tn	This unit has and LSPK key, but the DN defined does not match with any loudspeaker.
ERR5061	You cannot synchronize a local clock. It must be set manually.
ERR5062	That TCAP package type is not recognized by the TSYNC feature.
ERR5063	That TCAP parameter is not recognized by the TSYNC feature.
ERR5064	The local clock cannot be synchronized. The local clock must be set.
ERR5065	The TCAP package type is not recognized by the TSYNC feature.
ERR5066	That TCAP parameter is not recognized by the TSYNC feature.
ERR5067	Previous Hospitality block is found to be missing. The new entry is used to recreate the lost block. See LD 49.
ERR5068	Corrupted NFCR structures. TREE_EXIST of Hospitality.
ERR5069	Corrupted Hospitality tree. Hospitality procedure. See LD 43.
ERR5070	Prime DN key should be SCR or SCN for a Hospitality set. HSP_FORCEDISC of Hospitality.
ERR5071	Hospitality tree does not exist. TREE_EXIST of Hospitality.
ERR5072	Accessed tree is not a Hospitality tree. HSP_GETLEAF_PTR of Hospitality.
ERR5073	Corrupted value of TREE_DIGIT_CODE in Hospitality tree.
ERR5075 x	The NT8D19 Memory/Peripheral Signaling card had “x” memory parity errors in the last 30 minutes. Action: If this error persists or is accompanied by unexplained SYSLOADS, then replace the card. Ignore occasional occurrences as these errors are self correcting.
ERR5087 x	Invalid value for the interface identifier field of channel id information element from an incoming message. Where: x = the message type in hex.
ERR5088	Invalid value for the class field of restart indicator information element from an incoming message. Where: x = the message type in hex.
ERR5090 data	Could not send an activation/deactivation message to an MFR.

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ERR5091	Speaker dn, unit dn - loudspeaker cannot enter CONF; number of loudspeakers in conference is at maximum value.
ERR5092	Warning: LDNO must be defined for the customer for ISDN DID calls in order to determine the number of digits expected for successful call termination.
ERR5094	Not the same dial tone frequency range defined on the route and on the dial tone detector.
ERR5095 tn	Timer value conflict found on Universal Trunk or E & M Dictation card (NT8D14/NT8D15) during audit parameter download.
ERR5096	A TNTRANS was successful when the AWU call was linked to the attendant queue, but is now unsuccessful when the actual VIP call was attempted.
ERR5097	Received an invalid call reference from far-end switch.
ERR5098	Invalid Cardlan Message. Received a data message before receiving an address type message.
ERR5099	Invalid Cardlan Message. Received a retransmit message without sending a message.
ERR5100	Invalid Cardlan message. Received an unrecognizable message.
ERR5101	Cardlan received a message out of sequence.
ERR5102	A write to 64180 Interrupt control register failed.
ERR5103	A write to 64180 Data control register failed.
ERR5104	Invalid Cardlan Message.
ERR5105	Received a retransmit message from an XPE pack.
ERR5106	Cardlan audit has detected a stuck cardlan state.
ERR5107	An invalid 64180 message has been received.
ERR5108	Hardware type error message received from cardlan.
ERR5109	Input IVD message has been discarded.
ERR5110	Output SSD message has been discarded.
	Action: If this problem reoccurs, report problem to NT.

ERR5111	Invalid sequence type has been detected in a transmit XI type message.
ERR5112	Overload condition has been detected on an XPE line card. (Signaling to the card has been disabled.) The card will be automatically enabled after 30 seconds. Action: If problem persists, replace the faulty line card.
ERR5113	Three consecutive overload conditions have occurred for this card. The card will be disabled and will not be re-enabled. Action: You must replace the card.
ERR5114	A signaling channel has been disabled. The channel will be enabled automatically.
ERR5115	An overload card has been enabled again. Card should be operational.
ERR5120	The 1.5 Mb/s International ISDN Gateway feature does not support the QPC472 DTI hardware for the MU/A law conversion and loss level adjustments. Use the QPC720C PRI hardware for DTI trunk connectivities.
ERR5132 data	For a tandem CDP DSC call, the incoming route and outgoing route belong to the same Route List Index (RLI). To avoid potential looping problems, the CDP DSC database may need to be modified. The output data is: customer number, incoming route, outgoing route, outgoing route list index, outpulsed digits.
ERR5133	Invalid content of optional information element.
ERR5134	Invalid information element for the message type.
ERR5135	Mandatory Cause Information Element missing in Release or Release Complete message. Procedure I_RELEASE.
ERR5136	Invalid octet 3A in Calling Party Number Information Element. Procedure CALLING_PTY_#.
ERR5137	Protocol error. Procedure DEC_STATUS.
ERR5138	Global Call Reference not supported. Procedure GLOBAL_CREF.
ERR5139 a b c d e f	A data corruption in the ISA_ACTIVE_CALL variable for the ISA service route has been detected and fixed. The data output is: a = customer number b = ISA master route number

ERR

c = ISA service route number

d = number of trunks configured for the master route

e = audited active call count

f = active call count in data store

ERR5140 a b c d e A data corruption in the ISA_B_RESERVED variable for the ISA service route has been detected and fixed. The data output is:

a = customer number

b = ISA master route number

c = ISA service route number

d = number of B-channels reserved in data store

e = audited number of B-channels reserved

ERR5141 a b c d e f g h A data corruption in the ISA_BCH_AVAIL variable for the ISA service route has been detected and fixed. The data output is:

a = customer number

b = ISA master route number

c = ISA service route number

d = audited number of channels available

e = number of trunks configured for the master route

f = audited number of busy channels

g = number of channels available in data store

h = number of channels reserved in data store

ERR5144 Invalid length of information element.

ERR5145 Extension bit or IE length error in Party Category IE.

ERR5146 Extension bit or IE length error in Transit Counter IE.

ERR5147 Invalid numbering type, numbering plan combination.

ERR5148 Invalid restart class.

ERR5149 Receipt of a Status reporting a Cause different than response to STATUS ENQ.

ERR5150 T308 timed out twice in U19 channel. Put in maint-busy state followed by INT (MSG_CR), D-channel number, UTN, State, Call Reference.

ERR5151	Undesirable Interface Indicator present in Channel ID IE.
ERR5155	OHAS treatment not given because it is not a legal OHAS DN.
ERR5156	The input buffer for the CDR TTY is still loaded. There is not enough space for the number of characters to be output. The last character of the field may be lost.
ERR5157	BRI call in wrong state. Call is cleared.
ERR5158	Invalid BRI call reference.
ERR5159	BRI B-channel status out of sync between Meridian 1 and the MISP; call attempt is aborted.
ERR5160	BRI calls exceeded the limit for the DSL.
ERR5161	BRI call cannot be connected because of incompatibility of the call type with the B-channel.
ERR5162	BRI call cannot be connected because a Call Register cannot be allocated.
ERR5163	BRI call processing message has timed out.
ERR5164	The BRI B-channel is in maintenance busy state.
ERR5165	Message received from invalid loop.
ERR5166	Message received from wrong line card type.
ERR5167	Invalid message received from BRI line card.
ERR5168	No output buffer available to send SSD message.
ERR5169	Message problem report from BRI line card.
ERR5231	No outgoing ESDI packet allowed when the ESDI card is disabled. Output: {aml number in decimal}.
ERR5232	No incoming ESDI packet allowed when the ESDI card is disabled. Output: AML: {aml number in decimal}.
ERR5233	The MSDL AML port is disabled. Therefore the incoming AML message is disregarded. Output: AML: {aml number in decimal}.

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ERR5234	The given AML (i.e., CLS) priority is disregarded. Output: AML: {aml number in decimal} PRIO: {msg_priority in decimal}
ERR5235	The MSDLMISP_HDLR handler failed the outgoing XDU MSDL AML request. Output: AML: {aml number in decimal} CODE: {msdlmisp_hdlr failure code in decimal}
ERR5236	The MSDLMISP_HDLR handler failed the outgoing DU MSDL AML request. Output: AML: {aml number in decimal} CODE: {msdlmisp_hdlr failure code in decimal}
ERR5237	The GET_O_BUF procedure failed to find a free outgoing buffer to send an outgoing AML MSDL packet. Output: AML: {aml number in decimal}.
ERR5241	NIL pointer passed in as a parameter. Unable to update the TN block with the wake up information. Cannot proceed. Procedure WRT_AWU_TN.
ERR5242	NIL pointer to the HM_STRUCT which contains the wake up information. Cannot update and cannot proceed. Procedure WRT_AWU_TN.
ERR5243 tn	Digit collect message received from RAN trunk unit.
ERR5244 type tn	An invalid problem type has been received in a problem report message.
ERR5245 type tn	An invalid message type has been received from a card or unit.
ERR5252	The SDI I/F Handler could not retrieve a free buffer to send an outgoing message.
ERR5254	The SDI I/F Handler encountered a problem transmitting an expedited message
ERR5255	The SDI I/F Handler encountered a problem transmitting a standard ring message.
ERR5256	The SDI I/F Handler received a data.indication primitive with a length of zero.
ERR5257	The SDI I/F Handler received a data.indication primitive but could not store incoming characters because the TTY input buffer is full. Incoming characters were discarded.
ERR5258	The SDI I/F Handler received a data.indication primitive but could not store all incoming characters because the TTY input buffer became full. Some incoming characters were discarded.
ERR5259	The SDI I/F Handler received an incoming message that had an unsupported primitive ID.

ERR5260	The SDI I/F Handler received an incoming message that was not in the correct MSDL ring or expedited buffer.
ERR5261	The SDI Port was disabled because the number of response timeouts on a output primitive has been exceeded.
ERR5262	The SDI I/F Handler received a message from a port that is not enabled.
ERR5263	The SDI I/F Handler received an incoming message that could not be processed in the current SDI state.
ERR5264	The SDI I/F Handler received a data.indication message that had more characters than the maximum size of the TTY input buffer. The message is discarded.
ERR5266	The SDI I/F Handler received a maintenance primitive message with an invalid data length. The primitive message is discarded.
ERR5267	The SDI I/F Handler encountered a problem when trying to resynchronize flow-control variables with the MSDL I/F Handler.
ERR5272 tn	An invalid maintenance message has been received from a card.
ERR5275	The DCH timed out while waiting for a test mode state change.
ERR5276 DCH:	{DCH NUMBER} {DCH LINK STATE} An SSD message to process the MSDL DCH output request queue is found to be lost. No action is required by the craftsperson.
ERR5277	An invalid DCH link state was found and corrected.
ERR5278	The DCH state was found to be disabled, while the DCH port was disabled.
ERR5279	Application state was disabled, while the port on the MSDL card was enabled.
ERR5280	Wrong Optional Information Element Length.
ERR5281	Pointer BG_TFC_TODAY_PTR or BG_TFC_YESDY_PTR is NIL because of the low memory problem or the memory corruption. Action: Manually INIT the system to rebuild memory blocks. If manual INIT still does not work, you should add more memory cards or remove data from the system.
ERR5282 c dn r	Warning: Undefined RAN route for night RAN. Where: c = customer number, dn = ACD DN, r = route number.

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Action: Define the RAN route and trunk in LD 16 and LD 14, then enter the route number at prompt NRRT in LD 23 for the ACD DN.

ERR5283 No message sent to the ICP computer.

Action: Update the computer database manually.

ERR5284 The DCH port on the MSDL card was found to be enabled, while the MSDL card was not operational.

ERR5285 c dn r Warning: Undefined RAN route for first RAN. Where: c = customer number, dn = ACD DN, r = route number.

Action: Define the RAN route and trunk in LD 16 and LD 14, then enter the route number at prompt FRRT and connection timer at prompt FRT in LD 23 for the ACD DN.

ERR5286 c dn r Warning: Undefined RAN route for second RAN. Where: c = customer number, dn = ACD DN, r = route number.

Action: Define the RAN route and trunk in LD 16 and LD 14, then enter the route number at prompt SRRT and connection timer at prompt SRT in LD 23 for the ACD DN.

ERR5287 Invalid routing data encountered for Network Call Pickup/TAFAS. Digits do not indicate a valid DSC/TSC/AC1/AC2 route access code to route the Call Pickup request.

ERR5300 DPNSS Route Optimization, invalid message received in Route Optimization supplementary service state. The message is ignored.

ERR5301 The ATDN is not a CDN, but the call was routed to the ATDN anyway. Output data: TRK trktn ANI ani_count ani_digits

ERR5302 M911 does not support test calls for the pilot release. (This does not apply to Release 19.) Output data: TRK trktn ANI ani_count ani_digits.

ERR5303 ANI must be either one or eight digits in length. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5304 ANI digit is must be 1-10, where 10 is the digit 0. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5305 ANI was not received within 4 seconds. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits

ERR5306 Digit dialed exceed maximum allowed. More than 10 digits received.

ERR5307	MFR holding timeout. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits
ERR5308	Could not allocate the M911 auxiliary Call Register. Call routed to default ACD DN as ANI failure. Output data: TRK trktn ANI ani_count ani_digits
ERR5309 x y	No music route for telephones defined for customer x using the FTC table y with XTT=YES.
ERR5310 l s c u x	No music route defined for the trunk at TN l s c u using the FTC table x with XTT=YES.
ERR5313	CP to CP Cable Loss. The CP to CP cable is either disconnected or faulty.
ERR5314	The remote CMB has lost power.
ERR5315	Cannot turn on memory protection. Input address is invalid.
ERR5316	Cannot turn off memory protection. Input address is invalid.
ERR5317	IPB parity threshold exceeded.
ERR5318	IPB IRQ threshold exceeded. Interrupt has been disabled.
ERR5319	IPB IRQ interrupt has been re-enabled.
ERR5320	Error occurred initializing CP.
ERR5321	Failure occurred opening IPB database.
ERR5322	CP database I/O error.
ERR5323	IPB database I/O error.
ERR5324 l s c u	The message received (Barring, Busy Tone, Line Break, Polarity Change, Seize Acknowledge) is not supported by the Class of Service defined on the trunk unit. Trunk disabled. Mismatch between hardware and software data base. (Feature is XFCOT/XDID.) Action: Reenable trunk to force software download.
ERR5325 l s c	Undefined PPM ID on Card {l s c}; PPM ID unchanged on card: hardware and software configurations no longer match. If PPM ID was invalid or undefined before, PPM has been disabled by card for all units on Card. Action: Reconfigure PPM ID for card.

ERR5326 | s c Undefined Busy Tone Id on Card {l s c }; Busy Tone ID unchanged on card: hardware and software configurations no longer match. If Busy Tone ID was invalid or undefined before, Tone supervision is not guaranteed to work for any unit on the card.

Action: Reconfigure Busy Tone ID for card.

ERR5327 | s c u xxx xxx ... xxx Configuration not Supported on trunk {unit TN}. Trunk is disabled. Configurations not supported are XXX (XXX ... XXX), where xxx is one of: BUF PPM BTS BAR BAT DGC ATG.

Action: Examine Route and Trunk Unit configuration and change the offending configuration, where:

ATG = Autoguard (defined on unit: SEIZ)

BAR = Barring/Line Break Alarm (defined on unit Class of Service)

BAT = Battery Supervision (ARF BAT LBS) (defined by STYP in LD 16 for trunk unit).

BTS = Busy Tone Supervised: (defined by STYP in LD 16 for trunk unit).

BUF = PPM Buffered/Unbuffered: (defined on route)

DGC = DID Digit Collection Type (DIP/DTN/MFC) (defined on unit Class of Service and route)

PPM = PPM Enabled/Disabled: (defined on route)

ERR5328 | s c u Dialing Speed downloaded is not supported on the unit. Dialing speed for the unit is not changed on the card. Hardware and software databases no longer match.

Action: Change the dialing speed of the unit.

ERR5329 | s c Companding law downloaded is not supported on the card. Companding law on the card is not changed. Hardware and software databases no longer match.

Action: Change the companding law of the system or change the card.

ERR5330 | s c u Configuration conflict was detected on trunk unit during an audit. The configuration as specified for the unit has been stored on the card.

ERR5331 Seize failure on trunk to Conventional Main. CBQCM or RVQCM process was canceled.

ERR5332 msgtype tn Unknown content in message type received from superloop unit.

ERR5333 content msg type tn Unknown content in message type received from superloop unit.

ERR5334	The SACP package is not equipped. Idle Extension Notification (IEN) or Attendant Blocking of DN (ABDN) request received from another location.
ERR5335 x y	Route x has a nonexistent XTDT table defined (y) and therefore no XTD could be found. Action: Print out tables on system (LD 97) and on XTD cards (LD20) and reconfigure route with existing XTDT table.
ERR5336	GPT DTSL or NT5K75AA card configured in GPT mode. Status register not accessible. Writeio failed. Pd. DTS_CLEAR_LINT
ERR5337	GPT DTSL or NT5K75AA card configured in GPT mode. Status register not accessible. Writeio failed. Pd. DTS_READY
ERR5338	GPT DTSL, NT5K75AA or NT5K75AA card. Data register not accessible. Write I/O failed. Pd. DTS_SEND
ERR5339	GPT DTSL or NT5K75AA card configured in GPT mode. Status register not accessible. Write I/O failed. Pd. DTS_END_OF_WRITE
ERR5340	GPT DTSL or NT5K75AA card configured in GPT mode. The timer has expired and the I bit is still raised in the status register. Pd. DTS_END_OF_WRITE
ERR5341	GPT DTSL, NT5K35AA card or NT5K75AA card. The software wanted to send a message to the pack. The transmit FIFO on the pack was busy and there was no more output buffer available. The value entered to DTOB in the Ovl 17 may be too small. This may also be a hardware fault. Pd. DTOB_Q_MSG
ERR5342	NT5K35AA card or NT5K75AA in NT mode. DTS_SEND failed in pd. SEND_DPNSS_MSG.
ERR5343	GPT DTSL or NT5K75AA card in GPT mode. DTS_SEND failed in pd. DASS_INPUT.
ERR5344	WRITE I/O failed. Pd. LED_OFF.
ERR5345	WRITE I/O failed. Pd. LED_ON.
ERR5346	Msg received from L2 but DTIB is full. The value entered to DTIB in the Ovl 17 may be too small. This may also be a hardware fault. Pd. DTS_LONG_MSG.
ERR5347	DTS_SEND failed in pd. WRITE_SIG_LINK.
ERR5348	Some msg were still waiting in the DTOB when the DISABLE msg is sent to the pack. DTOB has been cleared. Pd. DDSL_DIS_MSG

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ERR5349	Some msg were still waiting in the DTOB when the ENABLE msg is sent to the pack. DTOB has been cleared. Pd. REQ_ENABLE.
ERR5350	The required FR is missing in the display IE received from SwissNet CO. The charging information is ignored.
ERR5351	A FACILITY message other than the expected Camp-On activation message was received at the MCDN/DPNSS call offer Gateway.
ERR5352	Could not allocate memory for Call ID table. No Call ID can be allocated. More memory may be required.
ERR5355 DCH: {DCH number} (NO XBFR)	Request to get an expedited buffer by the MSDL DCH application failed.
ERR5356 DCH: {DCH number} EXP {Fail cause}	Request to send a message through the MSDL expedited interface failed.
ERR5357 DCH: {DCH number} CAUSE {Error cause}	A flow control timer was found to be active for MSDL D channel. It has been reset. No action is required by the craftsperson.
ERR5358 DCH: {DCH number} CAUSE {Error cause}	There should be an active flow control timer for the MSDL D channel. The flow control state has been reset. No action is required by the craftsperson.
ERR5359	Under/Overflow condition in converting ICCL Tandem Count to/from IDA Loop Avoidance Count.
ERR5360 tn	Loss Plan conflict found on an IPE trunk during audit parameter download. The Loss Plan stored in the IPE trunk firmware for the unit has been reset to the Loss Plan specified in the audit message.
ERR5361	Unable to allocate NPID table block in memory.
ERR5362	Invalid format of the dialed (ADR) digits received over 911E trunk.
ERR5363	Dialed (ADR) digits not received within specified time. 911 call treated as ANI failure.
ERR5364	NPID table does not exist for the 911 route. Action: Check RDB for the 911 route.
ERR5365	M911_NPID_MHPTR is Nil.
ERR5367	Wrong configuration for NAS Routing when the attendant is in Night Service. The following may indicate the problem:

	1. NAS table is empty 2. Night DN cannot be defined as DSC 3. Night DN is not allowed to have any forward of any type (CFWAC, FBA, HTA, EHTA, HBTA)
ERR5368 n	Italian CO special services: route associated to the ITXX FFC code is not configured anymore. Where: n = is the route originally configured for ITXX.
ERR5369 l s c u i	Invalid database configuration. Assigned authcode entered is not a valid authcode in OVL 88, where: l = loop, s = shelf, c = card, u = unit, and i = index of the assigned authcode
ERR5370 tn	USCR being accessed, but customer SCPL is not defined.
ERR5371 tn	Set has CLS USRA but FFC package is not equipped.
ERR5384	The total number of messages in queue exceeds the predefined number defined in LD 17. The oldest message will be discarded in order to make room for more. The deleted messages will be displayed following this error message.
ERR5385	The message has been retransmitted for the specified number of times. This message will be discarded. This deleted message will be displayed following the error message.
ERR5386	Failed to allocate a CR for PMSI outgoing message.
ERR5387 a b c d	The PMSI outgoing message is exceed the maximum length. The character will be ignored, where: a = address of the CR contains the message, b = AUXPM, MAINPM, c = NAK counter, timeout counter, retransmission flag, and d = message length
ERR5388	A digit other than 1 or 0 was entered for message monitoring option from a maintenance telephone.
ERR5389	A non-polling Call Register was found when auditing the PMSI Call Registers.
ERR5390	Failed to allocate polling Call Register during initialization.
ERR5391	The primary port is not configured. Therefore, the message monitoring commands cannot be executed from LD 37, or from a maintenance telephone.
ERR5394 xy	The customer number in the CDR Record uploaded from the MPH (Meridian Packet Handler) is invalid. It is possible that the data stored in the MPH is out of sync with the switch

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x = Customer Number received from MPH (decimal)

y = MPH loop number (Decimal)

ERR5396 Call is dropped due to TSP database change.

ERR5397 Service operation violated.

ERR5398 One of the following has occurred:

1. The specified RAN route is not configured.
2. The specified route is not configured as a RAN route.
3. The RAN route is configured but no RAN member exists.

ERR5398 c dn For customer “c”, DISA RAN “dn”, either the DISA RAN is defined with an invalid RAN route, or the route has no trunk member.

Action: The system administrator should verify the data base configuration.

ERR5399 Attendant Blocking of DN (ABDN) feature is not enabled.

ERR5400 x y z The PNI in the Route Data Block (LD 16), as noted by the dialed digits, is the same PNI number as currently programmed in the CDB (LD 15), where:

x = customer number

y = customer PNI number

z = digits dialed (first 8 digits)

ERR5408 NACD logical call request received that contained more than the supported number of DNIS digits. The DNIS information has been truncated to the supported length.

ERR5409 tn The OHOL unit assigned to the conference loop is not valid. The spare dealer conference loop was used.

ERR5410 tn The OHOL unit assigned to the conference loop is not available. The spare dealer conference loop was either non existing or not available.

ERR5411 tn The M2616 telephone with CLS DELA, but is not an OHOL unit has initiated a conference.

ERR5412 Invalid Status Register state in Low Speed Link to Option 11 Mail.

ERR5413 tn No charging information available from CO for an outgoing call.

ERR5414	NIL AOC pointers found in protected trunk block. A possible solution is to switch prompt MR in LD 16 to NO and then to switch it back to current value. (TN of the trunk to follow).
ERR5415	For customer “c”, either the Authcode-last Retry RAN is defined with an invalid RAN route, or the route has no trunk member. Action: The system administrator should verify the data base configuration.
ERR5416 c dn	For customer “c”, DISA DN “dn”, an incoming call has been waiting too long (greater than RTMR) for DISA RAN. As a result, the caller is removed from the RAN queue and the call proceeds to the next processing step. Action: The system administrator should check on the RAN hardware to see if the RAN trunks are capable of handling the traffic. An alternative to decreasing the frequency of message appearance is increasing the time defined for the RAN timer.
ERR5417	Message received from analog line card contains invalid message type. The message is ignored. Format: ERR5417 tttt mmmm Where: tttt = the TN the message was sent to in internat format mmmm = the message contents
ERR5418	Reverse Charging billing ID received in an AOC-D or AOC-E message from CO for an outgoing call. This charging information is not taken into account. (TN of the trunk to follow).
ERR5419	The currency information received from CO in AOC-D or AOC-E message overflows the storing area limit (4 294 967 295). This charging information will not be taken into account. (TN of the trunk to follow).
ERR5420	Overflow during computing of AOC information received from CO. This charging information is not to be taken into account. (TN of the trunk to follow).
ERR5421	Null time stamp found in AOC-S structure. Processing of the charging information not possible. (TN of the trunk to follow)
ERR5422 tn	The AOC-D or AOC-E charging information received from CO is smaller than the previous one. This information is discarded. (TN of the trunk to follow).
ERR5423	No 500 set TN found to send Message Waiting Indication from. Define in Overlay 10 pseudo-TN block with SMSA Class of Service, where: y - customer number

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ERR5424	Procedure DO_XALC_SETS/DO_ANALOG_SETS module LIN5Input received from Standalone Mail Message server. These sets should not exist outside of the configuration.
ERR5425	Buffer to the PRI (QPC720) hardware has overflowed.
ERR5426	Unexpected event for the VNS no bearer state handler {SOURCE} and if SOURCE is a message received: {MESSAGE_TYPE}
ERR5427	Failure on a D-ch used by VNS.
ERR5428	Failure on a bearer trunk used by VNS, VNS TASK, TERMINAL, CRPTR, and Time and Date output.
ERR5429	Unexpected event for the VNS state handler. {WHATS_HAPPENED}{VNS_STATEPN:UVNS_DNPTR} and if VNS state not 0:{CUST}{INDEX}.
ERR5430	Unexpected message received on a D-ch used by VNS {message type}.
ERR5431	Invalid message to send an a D-ch used by VNS {message type}.
ERR5433	FLH timer conflict found on the EXUT, XCOT cards during audit parameter download. The FLH timer stored on the card is different form that which is stored in the route for the unit. TN of the unit is given.Force disconnect timer conflict found on the CIS incoming XDID card during audit parameter download. Unproductive timer conflict found on the CIS outgoing XDID card during audit parameter download.
ERR5434 {TN}	A recall message is reported by the XFEM card to the software for an AC15 tie trunk but it is ignored because either the ACRL package is restricted or the TRRL feature is not configured properly. {TN} TN of the faulty trunk. 1. If the TRRL feature is supposed to be configured, make sure the data configuration is correct. Enable the ACRL package and reload the system if necessary. 2. If the TRRL feature is NOT supposed to be configured, check why the system at the far end sends a recall signal.
ERR5435 {TN}	A recall message is reported by the XFEM card to the software for an AC15 tie trunk but it is ignored because the trunk is not in the “answered” state. Where: {TN} TN of the faulty trunk. Action: Check why the system at the far end sends a recall signal when the trunk

	is in this state.
ERR5436	Number of Call Registers is too low to process DASS/DPNSS calls. This can be changed in the configuration record (Overlay 17, prompt NCR).
ERR5437	Set is configured with DIG Member Number matching the SPRE first digit and one single DIG digit is expected. This should never happen unless wrong configuration manipulation. For instance, going from a two-digit table to a single-digit table without removing the single DIG Member Number matching the first SPRE code digit.
ERR5439	CPND/CLID message not sent to card from output buffer. Output buffer overflow on MCMO card. MCMO set buffer may not be large enough or is not being emptied. Output Data: ERRyy x x tn, where: yy - the error number. x x - reference numbers for the message. tn - terminal number (tn is in all decimals (l s c u)). Action: If the error messages are from the same TN, check the station or the MCMO card for defects.
ERR5440 mm nn	Auto Set Inst. default Model No. in LD 97 mismatches with model set defined in the data base, where: mm = the default model type and nn = the default number.
ERR5441	Facility message error. Incorrect Facility message is sent to the user.
ERR5442	The Set Based Administration initialization routine could not allocate enough memory for the restriction control blocks. Login limits are set to zero.
ERR5443 Y	BTD table associated with this trunk Y has been removed using Overlay 97. Table 0 is used. Action: Either recreate BTD table number as configured in trunk block or remove all trunks associated with this card and reconfigure them with BTDT to match an existing table.
ERR5444 l s c	A mismatch between previously downloaded Busy Tone Phase 1 cadence value and audit message has occurred. Action: Values on card are changed to reflect audit message. If problem continues, report problem to NT.
ERR5445 l s c	A mismatch between previously downloaded Busy Tone Phase 2 cadence value and audit message has occurred.

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Action: Values on card are changed to reflect audit message. If problem continues, report problem to NT.

ERR5446 I s c A mismatch between previously downloaded BTD call direction support value and audit message has occurred.

Action: Values on card are changed to reflect audit message. If problem continues, report problem to NT.

ERR5447 I s c A mismatch between previously downloaded Busy Tone Detect Level value and audit message has occurred.

ERR5448 The EI Originating party has received a CCM for the connection of the EI conference, but this CCM does not contain any EI-I.

Action: Still accept the message.

ERR5449 The Wanted party has become free while involved in an EI process (waiting for the Unwanted's IPL or involved is an established EI conference), but it could not be re-rung for lack of resources or bad configuration.

Action: Send CRM (Congestion) on the Originating channel.

ERR5468 NFCR tree being used for Outgoing Call Barring does not exist. No calls are barred.

Action: Turn off OCB on the set indicated, or configure the required tree.

ERR5469 The number of digits used for LEC and ANI DN is more or less than 7 when trying to transmit ANI information to a CIS analogue/DTI trunk. The least significant digits of the ANI DN will be omitted or missing digits will be completed with ADDG.

Action: Check LEC prompt in LD 16 and ANI DN used.

ERR5490 Could not get a temporary Group Hunt block during Speed Call controller modification of a Group Hunt list.

ERR5491 Bad CPNW configuration. The Speed Call list specified in the CPNW data block of Overlay 18 is invalid.

ERR5492 The PINX DN cannot be reached. Either the configuration is invalid or the D-channel is disabled. Or local PINX DN not defined.

ERR5493 TCAP or ROSE protocol error for CPNW feature.

ERR5494 x y z	Where x = customer number y = GPHT list number z = dialed PLDN digits. A user has attempted to use a PLDN with USE = SCLU (Speed Call List User) or SCLC (Speed Call List Controller) to access a Group Hunt list. This configuration is not supported.
ERR5511	BTD Table 0 is not defined. Action: Use Overlay 97 to create Table 0.
ERR5512 n	ERR020 messages for loop n has been automatically turned OFF. ERR020 will be automatically turned back ON in 20 seconds.
ERR5513 n	ERR020 messages for loop n has been automatically turned ON.
ERR5514	Multiple appearances of a DN that is associated with a DTM key or with key 00 of a TN which has a DTM key is not permitted. Output data: TN location, DN for which an illegal multiple appearance has been found. Action: Craftsperson must either delete the multiple appearance, use another DN, or delete the DTM key.
ERR5515	Applicable when MULT = YES Configuration error. Regarding the value of the multiplier received from the CO, the value of RURC is not correct. The RURC value should not be greater than the multiplier. Action: Change RURC exponent value.
ERR5516	The IDs configured on the NAS routing table must lead to a full DPNSS route, or full MCDN routes to routes including a single MCDN to DPNSS1 gateway. Action: Reconfigure the NAS routing table.
ERR5517	The IDs configured in the NAS routing tables must be UDP or CDP DNs. Action: Reconfigure the NAS routing table.
ERR5521 x	Where x= Speed Call List Number. Looping has been found between Speed Call lists. This could happen if a speed call list routes a call to itself (by having a member which is a PLDN which accesses its own list). Speed Call list number x was the last list call reached. Action: Alter the configuration to avoid such looping.
ERR5522	A recall message sent by the Norstar is reported by the XFEM card for an AC15 tie trunk but it is ignored because the trunk is already in split outgoing mode. {TN} TN of the AC15 trunk.

ERR

ERR5523	Parsing of name informations received from QSIG failed. Action: Inconsistent name information has been received. Report the problem.
ERR5524	A network call park operation is tried from one node to another for which the Call Park Networkwide feature is not defined. Action: Contact your system administrator if the Call Park Networkwide operation is not defined.
ERR5526	Illegal multiple appearance of a DN assigned to a designated data mode key.
ERR5532	%DNIS has more than 30 digits which is not supported.
ERR5533	SETUP message has been received on an Australian UIPE interface with the request for a permanent connection to be established. The ISPC Reference Number included in the message do not allow the link to be established for the following reason: The format of the message is: ERR5533 -x -y where: y - D-channel number x - Detail of the problem: 1 - Unknown ISPC Reference Number. There is no TN on any Phantom DTI2 loops configured with this ISPC Reference Number. 2 - The ISPC Call Reference number is not delimited by a star '*' character in Calling number field of the received SETUP message. 3 - The ISPC Call Reference number is empty. 4 - The ISPC Call Reference number is made of information other than the digits in the IA5 format. 5 - The ISPC Call Reference number is longer than 7 digits. 6 - The TN for which the ISPC Reference number is configured is on a Phantom DTI2 loop not on the same group as the PRI2 trunk on which the request was received. Action: Check the system configuration. If the configuration is correct, contact the Administrative Entity of the Public Network.
ERR5534	The ISPC Call Reference number is empty in the Calling number field of the received SETUP message. This message is displayed when a SETUP message has been received on request for a permanent connection to be established. Action: Contact the Administrative Entity of the Public Network.
ERR5535 TN {cause}	An improper configuration has been detected when an ISPC link is used to convey D-channel signalling. The format of the message is ERR5535 TN {cause} where:

TN - ISPC D-channel slave trunk {cause}

n - represents the error cause:

0: SET_DTI22_PTRS failed with DTI2 phantom trunk.

2: The trunk must be a TIE trunk.

3: The trunk must be configured with the DTN class of service.

4: Data corruption with the route pointer.

5: The route is not an ISL trunk.

6: The trunk is not a DID trunk.

7: The route is not configured with DSEL = DTA

8: The route must not be an ISL route.

9: The route is not configured with DLTN = YES

10: The route is not configured as incoming.

11: The route is not configured with PRDL = BSY.

12: The route is not configured with DTD = YES.

13: The route is not configured as outgoing.

14: The route is not configured with NEDC = ETH.

15: The route is not configured with FEDC = ETH.

16: The route is not configured with CPDC = NO.

17: DDD_PACKAGE is restricted.

Action: Check the system configuration and use overlay 96 to restart the process if required.

ERR5536 The ISPC Call Reference number length is longer than 7 digits. This message is displayed when a SETUP message has been received on an Australian UIPE interface with the request for a permanent connection to be established. Contact the Administrative Entity of the Public Network.

ERR5537 TN DN The maximum number of calls to be performed on a data interface for D-channel signalling to use an ISPD link has been reached. This manual process has been stopped. The format of the message is:

ERR5537 TN DN, where: TN - ISPC D-channel slave trunk DN - represents the digits received by the Meridian 1. If no digits have been received, nothing is printed. If some digits have been received but the DN is incomplete or invalid, the digits will be printed.

Action: Check system configuration, and use overlay 96 to restart the process if required. Also, check the system configuration of the far end Meridian 1.

ERR5538 A SETUP message has been received on an Australian UIPE interface with the request for a permanent connection to be established. As the ISPC package (no 313) is not enabled, the request has been rejected.

Action: Enable Package ISPD (no 313) and reload the PBX if an ISPC link is required.

ERR5539 {type of error} {event/state} {parm1} {parm2}{parm3} Call Completion (CC) Supplementary Service. Protocol error detected by CC QSIG protocol handler.

ERR5574 OLI received does not belong to any range defined for that route.

ERR8985 Invalid Group Hunt number encountered. Group Hunting terminated.

ERR8986 This TN should have CFW AC configured. Procedure icp_storecfw and icp_act_allowed.

ERR8987 FFC cannot be used without SPRE defined.

ERR8988 Flexible dial tone detection (FDTD) table not configured.

ERR8999 x Attempt to use a nonexistent ART x. Default for route type is used.

- ERR9000 C T A NAS routing is incorrectly configured. The routing tables should contain DN's to reach remote attendants on the network. The configuration error was noticed by the software while processing CUST c customer number TEN t tenant number ALT a alternative. The previous alternative route is probably badly defined, for example as a local DN.
- ERR9036 TMDI output buffer not allocated. Ensure that some unprotected memory is available, then with LD 17 CHG CEQU (no real changes required) to reconfigure output buffer.

ESDA—Enhanced Serial Data Interface (LD 48)

The Enhanced Serial Data Interface card provides the LAPB protocol used for communication between the CPU and an external Value Added Server such as the Meridian Mail MP. The Command and Status Link (CSL) and ISDN Application Protocol use Enhanced Serial Data Interface (ESDI) cards.

The ESDI and related application protocols are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

ESDA messages

ESDA0001 n t x Link n is out-of-service, where t is the system time when it occurs and x is the cause as follows:

Unformatted: ESDA001 n t x

Formatted: ESDA001 dd/mm/yy 00009 MSG OPRDAT: n x

Where:

n = CSL number

t = system time (only appears when unformatted)

x =

1 = HDLC retransmission error threshold reached

2 = HDLC CRC error threshold reached

3 = HDLC overflow error threshold reached

4 = HDLC abort error threshold reached

5 = HDLC detect protocol error I

ESDA

6 = HDLC hardware failure

7 = HDLC detected link 3 failure, or far-end disconnect

8 = HDLC was restarted by ESDI firmware externally

ESDA0002 n t Link (n) link layer is connected at system time (t).

Unformatted: ESDA002 n t

Formatted: ESDA002 dd/mm/yy 00009 MSG OPRDAT: n

Where: n = CSL number and t = system time (only appears when unformatted)

ESDI—Enhanced Serial Data Interface (LD 48)

The Enhanced Serial Data Interface card provides the LAPB protocol used for communication between the CPU and an external Value Added Server such as the Meridian Mail MP. The Command and Status Link (CSL) and ISDN Application Protocol use Enhanced Serial Data Interface (ESDI) cards.

The ESDI and related application protocols are maintained by the Link Diagnostic program (LD 48). The following messages indicate status and error conditions of the CSL software and/or the ESDI card.

ESDI messages

ESDI0001	The ESDI card did not respond to self test command. The card could be dead.
ESDI0002	No loop-back message received. ESDI card could be malfunctioning or dead.
ESDI0003	The ESDI link setup (HDLC handshaking) failed.
ESDI0004	The ESDI did not return any response to the START LINK SETUP command.
ESDI0005	The ESDI disconnect failed.
ESDI0006	There is no response to the RESET command. The card could be malfunctioning.
ESDI0007	The ESDI self test failed.
ESDI0008	Local loop back test failed.

ESN—Electronic Switched Network (LD 86, LD 87 and LD 90)

The ESN messages are generated while performing service change procedures in LD 86, 87, 88, and 90.

ESN messages

ESN0000	Program has loaded.
ESN0001	Illegal input character.
ESN0002	Digit input instead of alpha input. Action: Enter digits.
ESN0003	Service change not allowed from maintenance telephone.
ESN0004	Input must be one of (NEW, OUT, CHG, PRT, END).
ESN0005	Attempted to enter more than one field.
ESN0006	Null input is not allowed.
ESN0007	Customer data block does not exist.
ESN0008	Customer number out-of-range (0-31).
ESN0009	Unable to match input field with stored mnemonics.
ESN0010	Conflicts with existing shorter number.
ESN0011	Conflicts with existing number.
ESN0012	Error in DN translator.

ESN0013	Conflicts with existing longer number.
ESN0014	Route list index number out-of-range (0-255 for NARS, 0-127 for BARS, 0-7 for CDP).
ESN0015	ESN data block does not exist.
ESN0016	ESN data block already exists.
ESN0017	Route list does not exist.
ESN0018	Route list already exists.
ESN0019	Out-of-range (1-7).
ESN0020	Invalid response (digits or X only).
ESN0021	Update route list entry one at a time.
ESN0022	Route list entry does not exist.
ESN0023	Initial route set exceeds available entries in route list.
ESN0024	Out-of-range (0-31).
ESN0025	Invalid response (YES/NO).
ESN0026	Digit manipulation index number out-of-range. (1-255 for NARS/BARS, 1-31 for CDP, 0-999 with FNP package 160).
ESN0027	NO entry in a route list is not allowed.
ESN0028	Network translators, route list blocks, digit manipulation tables, FCAS tables, or CDP list still exist; cannot remove.
ESN0029	Digit manipulation table does not exist.
ESN0030	Route does not exist or exists but has no members.
ESN0031	Route type not allowed.
ESN0032	Maximum number of location codes out-of-range. Action: Increase MXLC.
ESN0033	Maximum number of supplemental digit restriction table entries out-of-range. Action: Check/increase the maximum size and re-enter.

ESN0034	Maximum number of digit manipulation tables out-of-range. Action: Increase MXDM.
ESN0035	Maximum number of route lists out-of-range. Action: Increase MXRI.
ESN0036	MXLC cannot be less than defined LOC codes.
ESN0037	MXSD cannot be less than defined SDR tables.
ESN0038	MXDM cannot be less than defined digit manipulation tables.
ESN0039	MXRL cannot be less than defined route lists.
ESN0040	Too many input fields. Action: Re-enter SPN with no more than five fields.
ESN0041	Too few input fields.
ESN0042	TOD schedule/hour/minute out of range.
ESN0043	TOD starting period cannot be greater than ending period.
ESN0044	Access code out-of-range (0-99).
ESN0045	Access code 2 cannot be same as access code 1.
ESN0046	Access code already used.
ESN0047	Digit manipulation table entry already exists.
ESN0048	Digit manipulation table entry does not exist.
ESN0049	Too many digits to be deleted. Action: Re-enter the number of digits to be deleted (between 0-19).
ESN0050	Too many digits to be inserted. Action: Re-enter the number of digits to be inserted (between 0-31).
ESN0051	Out-of-range (0-8).
ESN0052	OHQ time limit out-of-range (2-60).
ESN0053	CBQ Call-Back time limit out-of-range (10-30).

ESN0054	ERWT delay time out-of-range (0-10).
ESN0055	Input not completed.
ESN0060	Invalid response (AC1, AC2, SUM).
ESN0061	Invalid response (LOC, NPA, NXX, SPN, HNPA, HLOC, ALL).
ESN0062	No more available location codes (out or expand MXLC).
ESN0063	A maximum of 10 digits allowed.
ESN0064	An LDN is required.
ESN0065	Response is out-of-range (1-4).
ESN0066	Maximum must equal or exceed the minimum.
ESN0067	Restricted number is too long.
ESN0068	No more restricted numbers allowed for this code.
ESN0069	A HNPA has already been specified.
ESN0070	The CHG command is not allowed.
ESN0071	NPA, NXX, etc., specified, does not exist.
ESN0072	NPA, NXX, etc., specified, already exists.
ESN0073	Conflict with another (NPA, NXX, etc.). Action: Enter new SPN number.
ESN0074	Response is too long.
ESN0075	A DID number must use part of the extension number.
ESN0076	A route list index must be entered.
ESN0077	Error in the network (NARS/BARS) translator.
ESN0078	First digit (or second for 1+ dialing) of NPA/NXX code is invalid.
ESN0079	Response must be 3 or 4 digits in length.
ESN0080	No more available SDR blocks (out or expand MXSD).

ESN0081	X must precede number to be deleted.
ESN0082	Second digit (or third for 1+ dialing) of NPA code is invalid.
ESN0083	This number is already restricted for this code.
ESN0084	SUM is valid only when the PRT command is specified.
ESN0085	Number of digits in MIN or MAX should equal the save value.
ESN0086	TODS out-of-range (0 - 31).
ESN0090	Input out-of-range (0-15).
ESN0091	Invalid response (I or A for initial or extended set).
ESN0092	Out-of-range (0-3).
ESN0093	Out-of-range (0-30).
ESN0094	NCTL data block does not exist.
ESN0095	NCTL data block already exists.
ESN0096	Out-of-range (0-127).
ESN0097	SDR information is corrupted.
ESN0098	SDR code does not exist.
ESN0099	Invalid response to MFRL. Allowed input range is 0-7 minutes.
ESN0100	Referenced block does not exist.
ESN0101	FCAS index out-of-range; 1-255 with NARS, 1-127 with BARS.
ESN0102	FCAS head table does not exist.
ESN0103	FCAS head table already exists.
ESN0104	FCAS table/block does not exist.
ESN0105	FCAS table/block already exists.
ESN0106	No more NPA codes allowed.
ESN0107	{CR} is not allowed as the first NPA response for NEW command.

ESN0108	NPA code does not exist.
ESN0109	Not allowed to remove last NPA code in table.
ESN0110	Unable to match mnemonics: DENY, ALLOW.
ESN0111	First digit of two NXX codes should be equal.
ESN0112	First NXX code should not be larger than second NXX code.
ESN0113	Invalid NXX code.
ESN0114	Not allowed to shrink FCAS head table.
ESN0115	Too few or too many digits entered. Action: Re-enter only 1 -4 digits per field of SPN.
ESN0116	Not allowed to shrink CDP list.
ESN0117	Maximum number of CDP steering codes exceeds limit.
ESN0118	Length of CDP DN out-of-range (3-7 digits).
ESN0119	Steering code with a different length exists. Action: To change NCDP, all the entries of steering codes should be removed first.
ESN0120	Not allowed to turn off CDP for the customer.
ESN0123	The BARS package does not allow AC2.
ESN0124	An undefined package was requested.
ESN0125	Undefined CDP type (LSC, DSC, TSC, ALL).
ESN0126	CDP data block (CDP-LIST) does not exist.
ESN0127	Undefined Route List Index (RLI).
ESN0128	Null input not allowed, a value must be entered.
ESN0129	Invalid input for RLI.
ESN0130	Remove whole CDP data block (OUT command).
ESN0131	Undefined steering code (CHG command).

ESN0132	Steering code already defined (NEW command).
ESN0133	Type entered does not match defined type (CHG command).
ESN0134	Steering code conflicts with access code or directory number.
ESN0135	Steering code out-of-range.
ESN0136	CDP DN length out-of-range.
ESN0137	Number of digits to delete out-of-range (LSC).
ESN0138	Number of steering codes exceeds maximum number of steering codes (MXSC) defined.
ESN0139	Number of digits to strip is out-of-range (LSC).
ESN0140	SCC data table index out-of-range (1-7).
ESN0141	SCC data table does not exist.
ESN0142	SCC data table cannot be shortened.
ESN0143	Invalid input (CC1, CC2, or TIE).
ESN0144	Invalid input (SCC or DIAL).
ESN0145	SCC table entry already exists.
ESN0146	SCC table entry does not exist.
ESN0147	Even number input only.
ESN0148	SCC and Tone detector packages not equipped.
ESN0149	HNP code does not support NANP format.
ESN0150	Fourth digit of an NPA code in NANP is invalid.
ESN0151	SDRR digits are too long. Action: Re-enter correct type of SDRR to configure.
ESN0152	Invalid network translation type; for NPA, NXX, and SPN only.
ESN0153	Maximum number of ITGE tables out of range.
ESN0154	Shrinking the ITGE head table is not allowed.

ESN0155	ITGE head table does not exist.
ESN0156	ITGE table does not exist.
ESN0157	ITGE table already exists.
ESN0158	ITGE out-of-range.
ESN0159	RTNO not defined for this ITEI.
ESN0160	Empty ITGE table is not allowed.
ESN0161	Cannot delete an undefined office code.
ESN0162	Two fields are required, one for minimum and one for the maximum of a DID range.
ESN0163	Maximum of 20 ranges already defined.
ESN0164	Cannot define new office code without defining DID range.
ESN0165	Cannot define overlapping or duplication of ranges in one location code.
ESN0166	Range to be deleted must be the same as the range defined.
ESN0167	X must be followed by an office code or a DID range.
ESN0168	Number of save digits must be 4 for the Multiple DID feature.
ESN0169	SDR block does not exist.
ESN0170	Cannot delete; does not match with existing ITEI.
ESN0171	DID range to be deleted does not belong to the office code.
ESN0172	A range must be defined. SAVE is not equal to 0 and DID is equal to YES.
ESN0174	SDI user count exceeds 128. Use new ITEI.
ESN0175	List number entered is not a System Speed Call List.
ESN0176	System Speed Call List number is out-of-range.
ESN0177	System Speed Call List does not exist.
ESN0178	Mixing ADM/MDM Routes with other route types not allowed.

ESN0179	STRK is applicable to SPN code with ADM/MDM Route list only.
ESN0180	ADM/MDM Route list can only be assigned to SPN.
ESN0181	ISA Route is not allowed.
ESN0182	Route type has been changed to ISA.
ESN0188	LD 90 is being used to change HLOC. When changing HLOC for ESN, the ISDN HLOC in LD 15 might require change also.
ESN0189	Cannot define HNPA unless both AC1 and AC2 are defined in the ESN DB for this customer.
ESN0200	Network Attendant Service (NAS) package is not equipped.
ESN0201	Warning: NAS active.
ESN0202	Attendant DN block does not exist.
ESN0203	NAS schedule block already exists.
ESN0204	NAS schedule block does not exist.
ESN0205	Cannot define DMI for FNP, VNR, RLB.
ESN0206	Cannot out RLB which is used by FNP, VNR, RLB.
ESN0207	Input out-of-range (DSC/LOC: 0-10, SPN/TSC: 0-24). Action: For SPN, re-enter correct FLEN 0-24.
ESN0208	FSNS index out-of-range (0 to MXFS).
ESN0209	FSNS head table does not exist.
ESN0210	TBL number out-of-range 0-63.
ESN0211	FSNS table/block does not exist.
ESN0212	FSNS table/block already exists.
ESN0213	Only 15 SPN are allowed.
ESN0214	{CR} is not allowed as the first SPN response for NEW.
ESN0215	SPN does not exist.

ESN0216	Cannot remove last SPN in FSNS table.
ESN0217	MBGS is not recognized. First parameter is customer number, second parameter is MBGS number.
ESN0218	First digit of two XXX codes should be equal.
ESN0219	First XXX cannot be larger than the second XXX.
ESN0220	Invalid XXX code.
ESN0221	Not allowed to shrink FSNS code.
ESN0224	Package requirements for NAS are missing. The NAS package requires BRTE (Pkg 14), NCOS (32), and NARS (58).
ESN0225	That password has Print Only Class of Service.
ESN0226	As the user, you do not have access to that data.
ESN0229	That input is out-of-range.
ESN0230	Those D-channels do not exist.
ESN0231	That D-channel does not exist.
ESN0232	Warning: VNS does not apply anymore. The Virtual Network Service (VNS) D-channel content is removed.
ESN0233	Warning: The RL1 entry is not used as a VNS route because no Virtual D-channel was defined.
ESN0234	That VNS D-channel does not belong to that customer.
ESN0235	Input out of range for OVLL(0-24). Action: Re-enter correct OVLL digits 0 - 24.
ESN0236	Not enough protected memory. Notify operating company.
ESN0237	Setting ERWT = NO will not turn off tone. Must change RLBs, and set EXP = NO for all entries.
ESN0238	Overlay 90 - For CLTP prompt, input must be either NONE, LOCL, NATL, SSER, SERH, or INTL.

FHW—Faulty Hardware

FHW messages

FHW0000 n Loop n has been detected as faulty by the LRIP function. INI000 8000 has been averted.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance overlay according to the data base configuration of loop n:

Use LD 32 when loop type is: Terminal loop, Super Loop, Remote Loop [without RPE2 package 165 equipped], Multipurpose ISDN Signal Processor Loop

Use LD 34 when loop type is Tone/Digit Sender Loop

Use LD 38 when loop type is Conference Loop

Use LD 46 when loop type is Multifrequency Sender Loop

Use LD 53 when loop type is Remote Loop [with RPE2 package 165 equipped]

Use LD 60 when loop type is Digital Loop.

Use LD 75 when loop type is either Integrated Digital Access Loop or Primary Rate Interface Loop

2. Print the status of loop n to ensure that it is marked “faulty”. Skip remaining steps if loop n is not marked “faulty”.

3. Enter the disable command for loop n.

4. Enter the disable command for all other loops that are on the same hardware pack as the faulty loop

5. Replace the hardware pack.

6. Enter the enable command for all the loops that are on the newly installed hardware pack.

7. Print the status of loop n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0001 n SDI device n, which is not defined as an Expanded D-channel, has been detected as faulty by the SRIP function. INI 8000 has been averted.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance overlay according to the data base configuration of SDI device n:

Use LD 37 when SDI device is either a Terminal Port or a Printer Port on a non-MSDL pack.

Use LD 48 when SDI device is an Application Module Link on a non-MSDL pack

Use LD 96 when SDI device is on an MSDL pack, or when either a Backup D-channel or a D-channel is on a non-MSDL pack

2. Print the status of SDI device n to ensure that it is marked “faulty”. Skip remaining steps if SDI device n is not marked “faulty”.

3. Enter the disable command for faulty SDI device.

4. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

5. Replace the hardware pack.

6. Enter the enable command for all the SDI devices that are on the newly installed hardware pack.

7. Print the status of SDI device n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty SDI device as a low priority task.

FHW0002 n SDI device n, which is defined as an Expanded D-channel, has been detected as faulty by the SRIP function. INI 8000 has been averted.

Action: The system administrator should do the following immediately:

1. Load LD 75.

2. Print the status of SDI device n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if SDI device n is not marked “faulty”

3. Enter the disable command for the faulty SDI device.

4. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

5. Replace the hardware pack

6. Enter the enable command for all the SDI devices that are on the newly installed hardware pack.
 7. Print the status of SDI device n to ensure that it is no longer marked as faulty.
- If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty Expanded SDI device as a low priority task.

FHW0003 n

Loop n has been detected as faulty by LOIP function. INI000 0006 has been averted.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance Overlay according to the data base configuration of loop n:

Use LD 32 when loop type is: Terminal loop, Super Loop, Remote Loop [without RPE2 package 165 equipped]

Use LD 53 when loop type is Remote Loop [with RPE2 package 165 equipped]

Use LD 60 when loop type is Digital Loop.

Use LD 75 when loop type is either an Integrated Digital Access Loop or a Primary Rate Interface Loop

2. Print the status of loop n to ensure that it is marked "faulty". Skip remaining steps if loop n is not marked "faulty".

3. Enter the disable command for loop n.

4. Enter the disable command for all other loops that are on the same hardware pack as the faulty loop.

5. Replace the hardware pack.

6. Enter the enable command for all the loops that are on the newly installed hardware pack.

7. Print the status of loop n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0004 n

Loop n has been automatically disabled by the FHWR function.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance Overlay according to the data base configuration of loop n:

Use LD 32 when loop type is: Terminal loop, Super Loop, Remote Loop [without RPE2 package (165) equipped], Multipurpose ISDN Signal Processor Loop.

Use LD 34 when loop type is Tone/Digit Sender Loop

Use LD 38 when loop type is Conference Loop
Use LD 46 when loop type is Multifrequency Sender Loop.

Use LD 53 when loop type is Remote Loop [with RPE2 package 165 equipped].

Use LD 60 when loop type is Digital Loop.

Use LD 75 when loop type is either Integrated Digital Access Loop or Primary Rate Interface Loop.

2. Enter the status command for loop n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if loop n is not marked “faulty”.

3. Enter the disable command for all other loops that are on the same hardware pack as the faulty loop.

4. Replace the hardware pack.

5. Enter the enable command for all the loops that are on the newly installed hardware pack.

6. Print the status of loop n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0005 n

SDI device n, which is not an Expanded D-channel, has been automatically disabled by the FHWR function.

Action: The system administrator should do the following immediately:

1. Load the appropriate maintenance Overlay according to the data base configuration of SDI device n:

Use LD 37 when SDI device is either a Terminal Port or a Printer Port on a non-MSDL pack.

Use LD 96 when SDI device is on an MSDL pack, or when either a Backup D-channel or a D-channel is on a non-MSDL pack.

2. Enter the Status command for SDI device n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if SDI device n is not marked “faulty”.

3. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.

4. Replace the hardware pack.

5. Enter the enable command for all the SDI devices that are on the newly installed hardware pack.

6. Print the status of SDI device n to ensure that it is no longer marked as faulty.

If the system administrator is unable to perform steps 1 to 3, the FHWR function will disable the faulty loop as a low priority task.

FHW0006 n

SDI device n, which is an expanded D-channel, has been automatically disabled by the FHWR function.

Action: The system administrator should do the following immediately:

1. Load LD 75.
2. Enter the status command for SDI device n to ensure that it is marked “faulty” and has been disabled. Skip remaining steps if SDI device n is not marked “faulty”.
3. Enter the disable command for all other SDI devices that are on the same hardware pack as the faulty SDI device.
4. Replace the hardware pack.
5. Enter the enable command for all SDI devices that are on the newly installed hardware pack.
6. Print the status of SDI device n to ensure that it is no longer marked as faulty.

HEX—Maintenance Display Codes

Maintenance Display Codes

The maintenance display indicates status and error conditions. The codes are displayed on the maintenance terminal during Initialization or Sysload.

System Element Abbreviations

Some error conditions indicate hardware faults. In these cases, try to isolate the fault by replacing the cards in the order listed. The following abbreviations are used:

CIM	Control Interface and Memory
CMA	Changeover and Memory Arbitrator
CPU	Central Processing Unit
CT	Control and Timing
FN	Function
IF	Interface
MEM	Memory
MFS	Multifrequency Sender
MISC	Miscellaneous
PS	Peripheral Signaling
ROM	Read Only Memory
SDI	Serial Data Interface
TDS	Tone and Digit Switch
TT	Tone Transmitter
TD	Tone Detector
PRI	Primary Rate Interface
MISP	Meridian ISDN Signalling Processor

Maintenance display codes

Code	Description
01	Manual interrupt or Power Monitor interrupt. Replace: CPU.
02	Peripheral Signal ROM checksum error. Replace: CPU.
03	Real-time Control (RTC) interrupt fault. Replace: CPU.
04	Input Output (I/O) interrupt fault. Replace: CPU, TT/TD/SDI, SDI, card option mail, PRI, MISP.
05	Replace: CPU.
06	Replace: CPU.
07	Real-time Control (RTC) interrupt fault. Replace: CPU.
08	Too many initializes.
20	Primary memory parity error on read or write. Replace: CPU.
21	Memory parity error - primary and/or secondary. Replace: CPU.
22	Cannot clear CMA interrupt. Replace: CPU.
25	Replace: CPU.
4x	Replace: CPU.
6E	Replace Clock Controller 0.
6F	Replace Clock Controller 1.
8x	Replace Serial Data Interface x, where x is the port number in hex.
9x	Replace network, conference or TDS loop for group 0, where x is the loop number in hex (0-F = 0-15).

Maintenance display codes

90	loop 0
91	loop 1
92	loop 2
93	loop 3
94	loop 4
95	loop 5
96	loop 6
97	loop 7
98	loop 8
99	loop 9
9A	loop 10
9B	loop 11
9C	loop 12
9D	loop 13
9E	loop 14
9F	loop 15

Ax Replace network, conference or TDS loop for group 0, where x is the loop number in hex (0-F = 16-31).

A0	loop 16
A1	loop 17
A2	loop 18
A3	loop 19
A4	loop 20
A5	loop 21
A6	loop 22
A7	loop 23
A8	loop 24
A9	loop 25
AA	loop 26
AB	loop 27
AC	loop 28
AD	loop 29
AE	loop 30
AF	loop 31

HWR—Hardware Reset

HWR messages

HWR0000	Hardware reset (LED flashes).
HWR0001	Programming failed. Card is defective, or software cartridge is not seated properly.
HWR0002	64180 RAM failed.
HWR0003	Page 2 download error.
HWR0004	Invalid interrupt occurred.
HWR0005	Self-test failed.
HWR0006	VLSI initialization failure
HWR0007	Indicates that the Small System Controller has been reset.
HWR0008	DSP memory test failure.
HWR0010	Test channel request failure (already in use).
HWR0011	SDI port message out of sequence.
HWR0012	SDI Port output overflow.
HWR0013	SDI Port in invalid state.
HWR0014	SDI Port message from invalid port number.
HWR0015	SDI Port output timeout.

HWR

HWR0016	SDI Port message queue write failure.
HWR0017	SDI Port output message queue write failure.
HWR0018	SDI Port output buffer write failure.
HWR0019	SDI Port output message queue read failure.
HWR0020	Flash conversion to 2 Meg. (requested).
HWR0021	Flash conversion to 2 Meg. (automatic).
HWR0030	Interrupt to task communication error.
HWR0040	Pack reset due to tack errors.
HWR0041	Operating system reset due to task errors.
HWR0042	Suspended task restarted.
HWR0043	Suspended task resumed.
HWR0044	Task time-out.

INI—Initialize

The initialization program (INI) is a resident program used to build the unprotected data blocks in Meridian SL-1 software. An occurrence of an initialization is indicated by INI messages.

When initialization is invoked

The initialize program can be invoked:

- after a Sysload is complete
- when the manual initialize button is pressed on the Miscellaneous (MISC) or Interface (IF) card of the active CPU
- when a software or firmware fault is detected
- when a hardware fault in CE equipment is detected

When to suspect a hardware fault

Automatic initializations can be caused by either hardware or software failures. A hardware fault can be suspected when:

- the initialization outputs a message in the ranges INI002 to INI005 and/or INI007 to INI012
- initializations occur frequently on one CPU but not on the other. An INI013 message may appear specifying which CPU experiences frequent initializations. An intermittent fault can exist on the affected CPU, even though the CPU may pass a manually requested CPU test. Other possible causes of apparent CPU problems are listed with the appropriate fault codes in the following tables.
- the maintenance display indicates a fault.

INI messages (continued on page 392)

INI000 fc hh mm ss pg pc fp fa (x y) hex

An initialization has taken place. The additional fields associated with this message are described below.

fc = fault code identifying the cause of the initialization. See “FAULT CODES” on page 387.

hh = the hour of initialization

mm = the minute of initialization

ss = the second of initialization

pg = the program page at the time of trap (in hexadecimal)

pc = the program counter (in hexadecimal)

fp = the fault page (in hexadecimal)

fa = the fault address (when the fault page is on page 3). See “Page 3 fault addresses” on page 391.

x = the active CPU, if it is known. If it is not known, a question mark (?) is output. This field only occurs for dual CPU systems.

y = the active Clock Controller (SL-1 XT only)

hex = the contents of the maintenance display (see HEX for interpretation)

The INI000 message is followed by DSET000 message.

FAULT CODES

0000	Normal initialize after SYSLOAD. This code may also appear if a fault occurs in memory 0. In this case, the maintenance display should be 10 with no SYSLOAD message before the initialize. An INI004 message may follow.
0001	Manual initialize by attendant. If this code appears but no attendant has operated the manual initialize key, check whether any attendant console is equipped with an initialize key. If not, probable software or data error: check data for each console. If some consoles have an initialize key, possible fault in: 1. Attendant console. Use LD 31 to check each console having an INI key. 2. Signaling path to an attendant console. Use TEST command of LD 45 to check signaling.
0002	Manual initialize from the Miscellaneous (MISC) or Interface (IF) pack. If this code appears but the button on the MISC pack was not pressed, probable fault on MISC pack associated with the active CPU. The manual initialize button will also re-enable, if possible, all disabled items.
0003	PE signaling fault. INI003 message will follow to identify the Peripheral Signaling card at fault.
0004	Real-time clock (RTC) has failed (in a system having two CPUs). Probable fault in pack providing clock (i.e., Peripheral Signaling pack or Control, Interface and Memory pack) or Miscellaneous pack associated with active CPU.
0005	A CPU changeover has taken place due to a failure of the then-active CPU. The faulty CPU should be identified by a subsequent INI005 message. A fault may exist on: 1. Miscellaneous pack 2. QPC424 CPU pack or daughter board ROM (especially if maintenance display shows 02) 3. Function (FN), Interface (IF) or Control and Timing pack 4. CIM pack (especially for maintenance display codes 088 and 08D) 5. CMA pack
0006	Overload detected from a particular loop. Loop will be disabled. OVD diagnostic message should follow. If an OVD message identifying a faulty PE pack appeared before the initialize, remove that pack before reenabling the loop.
0007	Overload detected from a peripheral signaling pack. Offending Peripheral Signaling pack will be disabled. OVD diagnostic message should follow.
0008	Invalid operation code (opcode). Inform operating company.
0009	Invalid interrupt. Inform operating company.
000A	Attempt to write store using nil pointer. Software error.

000B	Main stack underflow. Software error.
000C	Broken queue. Software error.
000D	Response timeout in data store 0. System should reload. Replace data store 0.
000E	Trying to idle Call Register with active auxiliary Call Registers still linked to it. Inform operating company.
000F	Service change. Data store exceeded. Should be preceded by a warning message, "Equip more data store".
0010	Conversions complete.
0011	Triggered by software verification program (used by operating company only). If an investigation by the operating company is not currently active, then inform the operating company.
0012	Caused by Common Equipment Diagnostic (CED) trying to rebuild unprotected data store.
0013	All extenders disabled.
0014	Firmware fault. CPU clock unmasked. Same as for 0011.
0015	Firmware fault. RTC interrupt on level 7 unmasked. Same as for 0011.
0017	More than 5 NT8D04 Network or Network/DTR packs need software download recovery during the auto-recovery or midnight audit. Where: xxxx = cause of the initialization
0018	More than 5 NT8D01 Peripheral Controllers need software download recovery during the auto-recovery or midnight audit.
0019	From Firmware: The system has initialized after recovery from battery backup. (Note: that the system clock time has slipped during the time that the system was under battery power.)
001C	There have been more than 10 occurrences of auto-recoveries to avert INI000 000C problems since the last system initialization. INI000 001C was triggered to perform system cleanup following midnight routines. Action: Report the problem to your support engineer for further analysis.
001D	An invalid pointer is found during queue processing. Action: Report the problem to your support engineer for further analysis.
0100	Trap data blocks are not valid. No action.
0200	SYSLOAD was caused by response timeout of data store.
0400	Power-on reset. Power-up, manual reload.

0800	Software trap. No action.
1000	Memory parity error. Determine fault page (field 7 of INI000 message). Suspect a faulty: 1. CMA pack 2. MISC pack 3. Memory pack
2000	Watchdog timer runlet. This is sometimes a software fault, but may also indicate hardware faults as follows: 1. If an INI002 or INI003 message follows, the device(s) specified may be faulty. 2. If the maintenance display = 04, the following packs are suspect, (in addition to those listed in the Maintenance Display Code interpretations): - a CE extender packs - b Miscellaneous - c Serial Data Interface (SDI) - d Tape Interface - e Tone and Digit Switch (TDS). 3. If the maintenance display = 05, the following packs are suspect, (in addition to those listed in the Maintenance Display Code interpretations): - a Peripheral Signaling - b CE extender. 4. Affected CPU may be faulty. 5. CIM may be faulty (if equipped). 6. Also occurs if a TDS card is in slot 5 of an SL-1 ST and configured as loop 0. This is not a valid configuration.
3000	Same as code 1000.
4000	Write protection violation. An attempt was made to overwrite a protected memory location. Possible software fault. This code may also appear if the affected CPU is faulty, especially the MISC pack.
5000	Same as code 1000.
6000	Same as code 2000.
7000	Same as code 1000.
8000	Response timeout. A memory or other device failed to respond to a read-write request. If an INI002, INI003 or INI004 message follows the indicated device(s) may be faulty. If several devices on the same shelf are indicated, the CE extender connecting the shelf to the CPU may be faulty.

If none of the above messages appear, this code probably indicates a software fault, or:

1. CPU fault, especially Miscellaneous pack and, if equipped, Interface (IF) pack of affected CPU.
2. Peripheral Signaling pack on same bus as affected CPU.
3. CIM (if equipped).
4. Faulty ROM on CPU (QPC424 or QPC425).

9000	Same as code 1000.
A000	Same as code 8000.
B000	Same as code 1000.
C000	Same as code 8000.
D000	Same as code 1000.
E000	Same as code 8000.
F000	Same as code 1000.

Page 3 fault addresses

This table is used to interpret the fault address for page 3 faults (external devices). To obtain the address of the faulty circuit pack, the 4-digit hexadecimal codes must be converted to 4-digit binary numbers (see HEX).

Outputs not covered in this table cannot be decoded to an address. However they may indicate a Bus Fault.

0800 to 0807	CPU/Extender
1806	CMA pack
3000 to 3F7F	Serial Data Interface (SDI). Bits 4 to 7 provide card addressing.
3FC8	Tape Interface pack
8000 to A7FF	Network pack For single Network packs: Bits 7 to 13 for non-enhanced network loops Bits 11 to 13 for group. Bits 2 to 6 determine timeslots used. For dual Network packs: Bits 6 to 10 for loop Bits 11 to 13 for group. Bits 1 to 5 determine timeslots used.
C000 to D3FF	Peripheral Signaling (PS) pack Bits 13 to 15 give PS address. Bits 9 to 12 give loop address.

INI Messages (Continued)

INI0001	Insufficient memory for this system. If maintenance display shows a defective memory module, refer to HEX. Action: If maintenance display does not show a memory fault, memory size must be increased.
INI0002 xx	I/O device fault, where xx is to the maintenance display code in.
INI0003 xx	Network or PE signalling fault, where xx is the maintenance display code in HEX.
INI0004 xx	Memory fault, where xx is the maintenance display code refer to HEX.
INI0005 000x	CPU fault, where “x” is the CPU at fault.
INI0006 xx	A device has been detected which is not defined in the configuration record (LD17), where xx is the maintenance display code in HEX. Action: The device must be removed or enabled.
INI0007 xx	Intergroup Switch (IGS) pack fault, where xx is the maintenance display code in HEX.
INI0008 xx	I/O faults seen from the standby CPU, where xx is the maintenance display code in HEX. This is a minor alarm. This message only appears if the standby CPU may be used but with a degradation of network or I/O access as shown by comparing INI0002 with INI0008, INI0003 with INI0009, and INI0007 with INI0010.
INI0009 xx	Network faults seen from the standby CPU, where xx is the maintenance display code (see HEX). This is a minor alarm. This message only appears if the standby CPU may be used but with a degradation of network or I/O access as shown by comparing INI0002 with INI0008, INI0003 with INI0009, and INI0007 with INI0010.
INI0010 xx	IGS or MGS faults seen from the standby CPU, where xx is the maintenance display code in HEX. This message only appears if the standby CPU may be used but with a degradation of network or I/O access as shown by comparing INI0002 with INI0008, INI0003 with INI0009, and INI0007 with INI0010.
INI0011 xx	Network shelves do not respond to clock 0 (SCG card)0, where xx is the maintenance display code in HEX. Probable fault is on SCG, IGS or interconnecting cables via Junctor.

INI0012 xx	Network shelves do not respond to clock 1(SCG card 1), where xx is the maintenance display code in HEX. Probable fault is on SCG, IGS or interconnecting cables via Junctor.
INI0013 x	Possible CPU fault: x is a number of CPU. Given CPU has been initialized more than 5 times since the previous running of the midnight routines.
INI0014	Extender fault or stuck I/O interrupt on the network shelf associated with the extender card. Action: If it is the stuck interrupt, the interrupt was identified which could not be disabled directly. Disabling the extender allows the Meridian 1 tp process I/O interrupts from devices not located on the network shelf in question.
INI0016	Memory access faults from the standby CPU. This is a minor alarm. If this message appears without 00xx, the standby CPU has full access to all devices of the appropriate type but the active CPU does not.
INI0020 aaaa	Page 0 has been frozen at address aaaa for software ananlysis, or address aaaa had been frozen for software analysis.
INI0021	Idle output queue was not setup.
INI0022	X08 omega diagnostic information (return address stack is output).
INI0100 0200 -29F	DDSL pack failed read/write response test. Fault codes 200-29F indicate the DDSL number 0-159 respectively. For Option 81 systems, the INI0100 codes have specific meanings. These meanings are listed below. 00000021 Hardware Sanity Timeout 00000022 SWO: Failure on switchover 00000023 SWO: Too many switchovers 00000024 WARM: Disk OS Warmstart failure 00000025 WARM: Too many Disk OS Warmstarts 00000026 WARM: Disk OS not loaded 00000027 RESET: Forced SWO in process 00000028 RESET: Soft Reset in progress 00000029 TASK: Unable to create msg queue 0000002A Protected Memory checksum failure

0000002B INFO: Disk OS Warmstart begins
0000002C INFOC: DRAM is uninitialized
0000002D Restart: Cannot delete safe task
0000002E RESET: Task threshold exceeded
0000002F WARM: Exc vector threshold exceeded
00000030 WARM: Exc total threshold exceeded
00000031 WARM: Non-bus exc in interrupt
00000032 WARM: Exc handling already busy
00000033 WARM: Exc Restart Task () failed
00000034 RESET: Manual INIT requested
00000035 SEG: Checksum failure detected
00000036 SEG: Disk OS Text segment corrupt
00000037 SEG: Disk OS partitions corrupt
00000038 DISKOS: Unable to load SL-1
00000039 DISKOS: Unable to start SL-1
0000003A INSTALL: boot after installation
0000003B IOP Bus Error on active IOP
0000003C Parity Err on both sides
0000003D Parity Err in Split mode
0000003E Parity Err - remote SIMM : missing
0000003F Parity Err - remote SIMM: disabled
00000040 HI BER recommended action
00000041 HI BER TASK_RESTART for safe task
00000042 HI Warm Start not possible
00000049 OS: manual (PDT) request
0000004A OS: request to reboot (sysToMon)
0000004B OS: RST initialization failed
0000004C OS: SKD initialization failed
0000004D OS: SWD initialization failed
0000004E OS: PMEM initialization failed

0000004F OS: Security Card check failed
 00000050 OS: Normal recovery from BER
 00000051 OS: Unable to recover from BER
 00000052 OS: Unable to run "diskos"
 00000053 OS: Unable to load "diskos"
 00000054 OS: VOL initialization failed
 00000055 OS: SCSI initialization failed
 00000056 OS: DOS initialization failed
 00000057 OS: IOP initialization failed
 00000058 OS: EXC initialization failed
 00000059 OS: IOS initialization failed
 0000005A OS: Clock initialization failed
 0000005B OS: Failed during Loader run
 0000005C OS: Failed to spawn Loader task
 0000005D OS: kernel initialization failed
 0000005E OS: diskos P seg overlaps U seg
 0000005F Operating System level command to coldstart
 000000

INI0102	The mass storage interface is not responding; peripheral software downloading was not attempted.
INI0106 n	The number of all registers has been reduced by n. This warning indicates that the number of call registers has been reduced since the amount of available unprotected data store is not large enough for the configured number of registers. Action: Re-evaluate the number of call registers required. Examine use of unprotected data store.
INI0107 G S	Superfluous clock(s) is found. The information on Group and Side of the superfluous clock(s) is provided.
INI0108 G S	Only one clock has been found in the system in the Group G and Side S. This indicates that either there is no clock in the other side or the second installed clock has its shelf-side switch set wrong.
INI0109	No clock has been found in the system.

INI

INI0110 Z G S	No clock has been found in side Z and superflous clock(s) has been found in the other side. The information on Group and Side of the superflous clock(s) is provided.
INI0111	16K of unprotected memory space caannot be allocated for INIT ACD Queue Call Restore (ACDR).
INI0112	INIT ACD Queue Call Restore (ACDR) aborted due to multiple system initializations.
INI7272	Failure to reprogram R72 counter register during initialization.

IOD—Input/Output Diagnostic (LD 37)

This program is used to diagnose faults with disk units, tape units, teletypewriter (TTY) or Serial Data Interface (SDI) packs, used with modems to remote TTY. It provides enable, disable, status indication and test functions on these devices. Problems are indicated in IOD messages.

IOD messages

IOD0000	Program 37 identifier. No action.
IOD0001	Invalid command. Action: Check data and begin again.
IOD0002	Invalid argument(s). Action: Check data and begin again.
IOD0003	Customer nonexistent or out-of-range. Range is 0 to 31. Action: Check data and begin again.
IOD0004	Device number is out-of-range. Range is 0 to 7 or 0 to 15. Action: Check data and begin again.
IOD0005	Requested device is not defined in system. Action: Check data and begin again. (Minor alarm.)
IOD0006	Interface pack failed to respond. A pack fault is indicated. Device cannot be Action: Check enable switch on pack. If pack still does not respond, a pack fault is indicated. This information is also displayed on the maintenance display. Refer to the Maintenance Display Codes Table. (Minor alarm.)

IOD

IOD0007	Interface pack has a permanent interrupt. Device cannot be enabled until fault is cleared. (Minor alarm.)
IOD0009	Disabling of active input device is not allowed. Action: Go to different TTY or use SL-1 maintenance set.
IOD0010	Device cannot be enabled because extender to network shelf is disabled. Action: Use LD 35 to reenable extender before proceeding.
IOD0011	CDR tape not positioned after last record.
IOD0012	RW test not allowed on Mini-CDR tape.
IOD0021	Illegal character was entered while tape data was running. Only END is permitted while TEST is in progress.
IOD0030	Command not allowed for ESDI port.
IOD0040 n	TTY or printer n is not emptying the output buffer. Output circuitry on pack is faulty. The device is disabled. Probable fault is on pack in question. This information is also displayed on the maintenance display. If fault persists after pack is replaced, suspect: 1. Miscellaneous pack on active CPU 2. Other serial data interface
IOD0041 n	TTY n is producing incoherent or too much (over a defined threshold) input. The pack has been disabled. Either the device is faulty or it is connected to a very noisy data line. This information is also displayed on the maintenance display. I/O Port auto Lock out Recovery is operating. This message indicates the TTY was left disabled because it had been locked out and re-enabled three times in the last 30 minutes. Action: Manually re-enable the port to bring it back to service.
IOD0050 n	MSI/Tape unit n is not ready. Action: Check disk/tape cartridge for proper seating. With disk systems, try operation again while watching the Mass Storage Interface display.
IOD0051 e n	Timeout or early warning on tape unit n before checking. Error codes (e): A = read directory timeout B = check directory timeout C = check track 3 timeout

D = check track 4 timeout
 E = find last Overlay record timeout
 F = read EOF (End-of-File) timeout
 G = erase fault
 W = tape initialization timeout
 X = position check (tape read) timeout
 Y = early warning point reached
 Z = find record timeout
 1,2 = timeout or early warning on MSI/tape unit 1 or 2 while reading.

IOD0052	Early warning point reached. IOD0060 n MSI/Tape Interface pack fault for MSI/tape unit n.
IOD0061 n	Faulty track select on MSI/tape unit n. IOD0062 n Tape cartridge missing or defective bulb on tape unit n. Action: Check cartridge and bulb. Check drive A and drive B.
IOD0063 n	Tape wound off end of reel of tape unit n or defective tape unit n. Action: Check cartridge, or check disk on MSI unit n.
IOD0064 n	Interrupt fault on tape interface (TI) pack for unit n. Action: Check cartridge, or check disk on MSI unit n.
IOD0065 n	Unable to position disk/tape correctly on MSI drive A/B or tape unit n due to faulty tape or interrupt fault.
IOD0066 n	MSI/tape motion error detector on MSI/tape unit n malfunctioning. Minor alarm
IOD0067 n	Tape control electronics is allowing improper tape motion on tape unit n. Minor alarm. MSI control not working (no alarm).
IOD0068 n	Defective interval timer on interface card for tape unit n (Minor alarm). MSI timer not working (no alarm).
IOD0069 n	Incorrect tape speed or failure to detect tape position changes on tape unit n. Possible defect in positioning of front cover. Action: Remove cover and test cartridge (Minor alarm), or MSI timer not working.

IOD0070 n	Hardware on tape unit n failed to automatically stop motion at cartridge limits (Minor alarm), or MSI timer not working .
IOD0071 n	Bad data on disk/tape or defective cartridge in MSI/tape unit n.
IOD0072 n	Faulty track select or defective cartridge in MSI/tape unit n.
IOD0073 n	Faulty write protect mechanism which allows writing on protected data track of MSI/tape.
IOD0074 n	Tape cartridge on tape unit U set to SAFE; test cannot continue. Test automatically continues when cartridge is replaced, or MSI floppy disk B is write protection is removed.
IOD0075 e c n	Erase or write fault on tape unit n.c is the EOF record count (normally 9) and is given only when e = J. e appears as one of the following codes: 1, 2 = MSI/tape unit has erase or write fault. Possible faults include dirty tape heads, faulty cartridge or faulty drive interface J = write unsuccessful after four attempts K = skip back timeout L = not EOF when EOF expected or timeout M = read buffer full N = read buffer full O = timeout checking read buffer P = EOF record not found before starting check pattern Q = write check pattern timeout R = read check pattern timeout S = read check pattern timeout T = check pattern record count error U = read EOF (to start erase) timeout V = no EOF when expected or timeout
IOD0076 n	SI/tape unit n has problems reading data from disk/tape.
IOD0077 n	MSI/tape unit n has problems writing data on tape
IOD0078 n	Hardware fault on MSI/tape unit n cause momentary 'Not Ready' indication.

IOD0079 n	Tape cartridge on tape unit n has bad directory (Minor alarm), or bad directory in MSI system.
IOD0080 n	Disk/tape cartridge on MSI/tape unit n has missing 'end of disk/file'. IOD0100 x y Meaning depends on the output data: IOD100 1 t = Head fault or bad record on track t. IOD100 e n = Timeout or early warning during checking MSI/tape unit n. See IOD051 for error e. Suspect tape cartridge, interface, cable(s) or tape shelf. Action: Swapping active and secondary tape interfaces and cables may help to isolate the problem. IOD100 n t = Track t disabled due to time-out or early warning initializing MSI/tape unit n.
IOD0101 x y	Meaning depends on the output: IOD101 1 t = Requested data record not found on track t. IOD101 n t = Data record not found on track t on MSI/tape unit n. The data was loaded because it was duplicated. See IOD100 for possible faults. IOD101 t n r = Data record rewritten by TAPE module on MSI/tape n, record r. IOD101 e n t = Data record not found on tape n track r, e appears as one of the following codes: A = tape initialization B = read directory C = read data record (after read directory) D = read test record E = read EOF record F = read data record (after test) G = read last overlay record H = read checking track 1 or 3 I = read checking track 2 or 4
IOD0110	Meaning depends on the output data: IOD110 n = Data record not found on both tracks of tape unit n. The data from the tape could not be loaded. See IOD100 for possible faults. IOD110 1 t = Requested data record not found on track t.

IOD

IOD0111 n	Tape unit n is disabled. Enable tape unit.
IOD0112	Cannot perform TTY tests on PMS link.
IOD0200 1	Tape disabled detected during write effort. Write effort suspended.
IOD0201 1	Tape not equipped detected during write effort. Write effort suspended.
IOD0203 1	Tape not ready detected during write effort. Write effort suspended.
IOD0204 1	Tape write protected detected during write effort. Write effort suspended.
IOD0205 1	Early warning detected during write effort. Write effort suspended if track 3.
IOD0206 1	Read error detected during write effort. Hardware fault suspected. Write effort suspended.
IOD0207 1	Write error detected during write effort. Write effort suspended after retries fail.
IOD0208 1	Record not found error detected during write effort. Hardware fault suspected. Write effort suspended.
IOD0209 1	Timeout detected during write effort. Write effort suspended.
IOD0210 1	Tape is put in tape full state. Write effort suspended.
IOD0211 1	CDR tape has been locked too long. Write effort suspended.
IOD0212 1	CDR tape is now at least 75 percent full.
IOD0250 1	Tape response idle while erasing. Hardware fault suspected.
IOD0251 1	Mini-CDR tape disabled.
IOD0252 1	Mini-CDR tape unequipped.
IOD0254 1	Mini-CDR tape not ready.
IOD0255 1	Mini-CDR tape write protected.
IOD0256 1	Early warning hit.
IOD0257 1	Read error detected.
IOD0258 1	Write error detected.
IOD0259 1	Record not found.

IOD0260 1	Timeout occurred.
IOD0261	Use LD 48 to enable or disable CND TTY.
IOD0280	Use tape command.
IOD0281	Use MSI command.
IOD0282	Command not allowed for MSI equipped system.
IOD0283	Primary MSU not responding.
IOD0284	Secondary MSU not responding.
IOD0290	MSI self-test time out. MSI is not responding.
IOD0291	MSI memory is faulty.
IOD0292	MSI control is faulty.
IOD0293	MSI drive A failed self-test.
IOD0294	MSI drive B failed self-test.
IOD0295	MSI drive C failed self-test.
IOD0296	MSI drive not configured.
IOD0297	Mass Storage Interface (MSI) floppy drive failed self-test.
IOD0298	Mass Storage Interface (MSI) software configuration does not match the hardware. Action: Update the configuration record (LD 17).
IOD0300	No response received from System Monitor (NT8D22) after sending status request message.
IOD0301	There are no master System Monitor (NT8D22) port defined. Action: Use LD 17 to define the master System Monitor port.
IOD0302	Invalid command.
IOD0306 x	Could not test TTY due to one of the following reasons (where x = port number) : 1. Self test is not supported on type of TTY 2. TTY is not in the correct state to run self test Action: Put the TTY in the enable and operational state and run the test again.

IOD

IOD0307 x	The Meridian 1 timed out waiting for a response to the enable SDI application message sent to the MSDL card. Where: x = port number Action: If this error message is received twice in a row when attempting to enable the TTY, be sure the MSDL is enabled and remains that way for the next few minutes. If the problem still persists, disable and reenable the MSDL card.
IOD0308 x	The MSDL cannot enable the SDI application. Where: x = port number Action: If this error message is received more than twice in a row when attempting to enable the TTY, try using the FDL option so that the application is re-downloaded to the card.
IOD0309 x	The SDI application in transient state. Where: x = port number. Action: Try again.
IOD0314	That command does not apply to the Pseudo TTY (PTY).
IOD0315 x	Failure to download the device setup. The device will still be enabled with the current setup. X indicates the failure reason: 0 = fail to download due to device data corruption 1 = fail to change baud rate 2 = fail to change device setup such as data bit, stop bit, or parity type 3 = fail to change control option
IOD0316	It is not possible to enable the TTY/PRT without first enabling the MSDL card. Issue the ENL MSDL {x} command.
IOD0317	The MSI and Tape related command are not applicable to this machine. Action: Use LD137 to issue any maintenance and diagnostic for IOPs and CMDUs.
IOD0318 x	TTY x was disabled due to invalid characters and will be automatically enabled in 4 minutes.
IOD0319 x	TTY x was automatically enabled.
IOD0320 x	TTY x has been disabled 3 times, the maximum allowed, during the last 30 minutes. It will not be automatically enabled.
IOD0321	Cannot disable the TTY used to access non Meridian 1 task (PDT/VxWorks Shell, for example).

IOD0322	Int detected: unconfig'd IO device; grp X at vaddr Y device has been H/W disabled
IOD0323	Int detected: S/W disabled IO device; grp X at vaddr Y device has been H/W disabled
IOD0327 x	Overlay command cannot be executed due to one of the following conditions: 1. The port is not in the correct state for the command to be executed 2. The port is already in the right state Action: Check port state and try again. Where: x = port number
IOD0328 x y z	MSDL SDI target state has been changed. No action needed. Where: x = port number, y = original target, and z = new target
IOD0329 x y	Event: Application download failed. Where: x = port number and y = failure reason. Where: 3 - maintenance in progress 4 - transmit xbuffer busy 6 - no maintenance socket id 11 - force download not allowed 10, others - download failed Action: 3 - wait 6 - reconfigure port, then enable port again 4, 10, 11, others - disable the MSDL card, reset it and then try again.
IOD0331 x y z	The port is disabled by the system. Where: x = port number; y = disable reason Where: 1 = enable application failed 2 = status errno 3 - primitive timeout (z = port state port substate if state is test) 4 - MSDL Handler failure 5 - disable indication received (z = 15 - bad rs232/422 switch setting; 16 - bad dte/dce switch setting ; 17 - not enough memory) 6 - PSDL threshold exceeded

7 - MSDL card is system disabled

Action: 1, 2, 3, 4, 6 - disable the MSDL card, reset it and then try again.

5 - {z} = 15, 16 - check the MSDL card hardware setting.

{z} = 17 - disable the MSDI card, reset it and then try again.

7 - reset the MSDL card and then try again.

IOD0332 x y The port is enabled but not ready. Where: x = port number and y = not ready reason}

Where:

0 - autobauding

1 - await modem to be connected

2 - dtr is down

3 - await terminal (vt220) verification

Action: 0 - enter {carriage return}'s to trigger port to be autobauded

1 - check modem connection

2 - check cable connection

3 - no action needed

IOD0333 x The port is now operational; previously it is enabled but not ready. Where: x = port number

IOD0334 x The port is put into midnight recovery. Where: x = port number

Action: To enable port, disable it first and then enable it, or wait for midnight recovery to occur.

IOD0335 x Auto-recovery is complete. Where: x = port number

IOD0336 x y z Auto-recovery in progress. Where: x = port number, y = rcv attempt no - 1, 2, or 3, and z = cause for recovery - {disable reason}

Action: Wait for auto-recovery to complete.

IOD0337 HSPR command attempted, but HOSP package unequipped.

IOD0338 HSPR command attempted, but no PMS ports configured.

IOD0339 x STA disable process failed because application says so. Where: x = STA logical number

IOD0340 x	Overlay command cannot be executed. One of the following may have taken place. Where: X = STA logical number 1. STA application is not in the correct state for the command to be executed 2. STA application is already in the right state
IOD0341 x y z	STA application encounters operational errors and auto-recovery process is activated to recover. Where: x = STA logical number y = Type of Operational Errors 1: Fail to enable STA application 2: Status error 3: Primitive timeout 4: MSDL Handler failure 5: STA loadware suicide 6: PSDL threshold failure z = Reason for STA loadware suicide (for y = 5 only) 15: Wrong RS232/RS422 switch setting 16: Wrong DTE/DCE setting 17: Not enough memory 18: Fail to detect VT220 19: STA loadware layer 2 bug
IOD0342 x	STA application is put in midnight recovery. No more auto-recovery will be attempted until midnight. Where: x = STA logical number
IOD0343	Cannot use "DIS TTY #" to disable STA administration terminal.
IOD0344	Cannot use "ENL TTY #" to enable STA administration terminal.
IOD0345	TTY self test is not allowed on STA administration terminal.
IOD0346 x y z	STA auto-recovery is in progress. Where: x = STA logical number y = Counts for STA's attempt to recover. (If y is greater than or equal to 3, STA is put to midnight recovery.) z = Operational Errors which cause auto-recovery

1: Fail to enable STA application

2: Status error

3: Primitive timeout

4: MSDL Handler failure

5: STA loadware suicide

6: PSDL threshold failure

7: MSDL system enabled

IOD0347 x STA auto-recovery has been completed. Where: x = STA logical number.

IOD0349 SDI port is not configured for MTC and SCH.

Action: Either add MTC and SCH to SDI port or use another valid SDI port.

IOD0350 Point-to-Point Protocol interface is disabled.

Action: Issue the command “ENL PPP” in LD 117.

IOD0351 Active Point-to-Point Protocol session has been found.

Action: Wait until current PPP session is terminated.

IOD0352 Point-to-Point Protocol task has failed to start.

Action: Check system port for additional information regarding possible causes of the failure.

IOD0353 Invalid PTY port. PTY port is not supported.

IOD0357 Resume interrupt service for cabinet.

IOD0358 Stuck interrupt in cabinet. It may be caused by a damaged pack in the cabinet.

Action: Check for offending packs in the cabinet.

IOD0359 Failed to service interrupt for Cabinet. Cannot identify the device that is raising the interrupt.

IOD0360 Failed to service interrupt for Cabinet. Interrupt is masked.

Action: Check for offending packs in that cabinet

IOD0361 Unable to set event ISR for the cabinet.

Action: Contact NT support

IOD0362 Unable to install the CardLAN interface.

Action: Contact NT support.

LNK—Link Diagnostic (LD 48)

The Link Diagnostic program is used to maintain data links used with various special features and auxiliary data links. Link Diagnostic problems are reported in LNK messages.

LNK messages

LNK0000	Program identifier.
LNK0001	Invalid command. Action: Check data and reenter command.
LNK0002	Invalid first parameter. Action: Check data and reenter command.
LNK0003	Invalid second parameter. Action: Check data and reenter command.
LNK0004	High-speed link does not exist.
LNK0005	Low-speed link does not exist.
LNK0006	Incorrect number of parameters inputted for the command specified. Action: Check data and reenter command.
LNK0007	Invalid data keyed in. Check data and reenter command.
LNK0008	The SDI for the high-speed link or low-speed link is not enabled. Action: Use the ENL command to enable the SDI and reenter the command.
LNK0009	Invalid parameter 3.

LNK0010	IMS/IVMS package not equipped.
LNK0011	IMS/IVMS package and ACD-D not equipped.
LNK0012	ACD-D package not equipped.
LNK0013	APL number out-of-range.
LNK0014	Not an APL link.
LNK0015	APL Logical Unit not found.
LNK0016	Attendant Logical Terminal Number (LTN) out-of-range.
LNK0017	Customer number does not exist.
LNK0018	Unknown configuration.
LNK0019	Invalid link specified.
LNK0020	Not a valid option.
LNK0021	APL is down.
LNK0022	Customer number not defined.
LNK0023	Attendant LTN not defined.
LNK0024	Directory Numbers (DN) not defined.
LNK0025	Cannot allocate Call Register.
LNK0026	Confirmation not sent. Cannot allocate Call Register.
LNK0027	No response from AUX on last SEND.
LNK0028	Cannot link to IMS/IVMS output queue.
LNK0029	No APL exists in the system.
LNK0030	No APL SDI exists in the system.
LNK0031	APL is up but queue is full.
LNK0032	Interface pack failed to respond.
LNK0033	Interface pack has permanent interrupt.

LNK0034	Phantom message monitor input at application program link.
LNK0035	Phantom message monitor input (AIM link).
LNK0036	Phantom message from message monitor output queue at application program link.
LNK0037	Phantom message from message monitor output queue at AIM link.
LNK0038	Phantom message from packet monitor output at application program link.
LNK0039	Phantom message from packet monitor output at AIM link.
LNK0040	Phantom message from packet monitor input at application program link.
LNK0041	Phantom message from packet monitor input at AIM link.
LNK0042	Message from message monitor output at an illegal link.
LNK0043	Message from message monitor input at an illegal link.
LNK0044	Bad packet message received at application program link.
LNK0045	Bad packet message received at AIM link.
LNK0046	Packet received on application program link does not match with packet sent from AIM.
LNK0047	Packet received on AIM link does not match with packet sent from application program.
LNK0048	Invalid password.
LNK0049	Process ID out-of-range.
LNK0050	Process ID not set.
LNK0051	ESDI number is out-of-range.
LNK0052	Information Services (IS) package is not equipped. Command Status Link (CSL) is not equipped.
LNK0053	Command is not valid for ESDI async port.
LNK0054	Command is not valid if one of the ports is asynchronous.

LNK0055	Command is not valid at current state (e.g., the CON ESDI n command can only be entered if the ESDI is in the ENABLED state).
LNK0056	ESDI logical unit not found.
LNK0057	ESDI_CSL_CRPTR is nil.
LNK0058	ESDI are not in simulator loop around mode. Error message for SMLP command.
LNK0059	For SMLP command, both ports have to be in IDLE state. This indicates one of the ports is not in IDLE state.
LNK0060	ESDI hardware does not respond. The pack may not be plugged in correctly or the device address may be incorrect.
LNK0061	ESDI permanent interrupt.
LNK0062	For SMLP command, ports have to be configured for loop back simulator. Issue CNFG command first.
LNK0063	ESDI is not in CONNECTED state. For DSC ESDI N and ENL CMS N commands, the ESDI has to be in CONNECTED state.
LNK0064	There is no response to the polling message.
LNK0065	For SWCH CMS N1 N2 command, N1 should be in ACTIVE state.
LNK0066	For SWCH CMS N1 N2 command, N2 should be in STANDBY state.
LNK0067	For SWCH CMS N1 N2 command, both links should belong to the same external Server address (VASID).
LNK0068	Invalid ESDI state for the given port or its pair when self test (SLFT) command is issued.
LNK0080	CSL simulator command is not valid until SIM command has been entered.
LNK0081	CSL IO data block not built. This port is defined as CSL port, but no TTY IO block exists. Action: To correct this, either: 1. manually init, or 2. go through LD 17 entering {cr} to every prompt
LNK0082	This port is not defined as a CSL link

Action: To configure it as a CSL link, in LD 17:

1. add "USER" "CMS" under "IOTB" prompt
2. add port to "CMS" under "VAS" prompt

LNK0083	This CSLSIM message could not be sent because it could not be linked to the CSL output queue.
LNK0084	Input out-of-range.
LNK0085	Current CSLSIM message has a message length of zero.
LNK0086	Incoming CSL message does not match the stored one.
LNK0087	CSL message type is not defined.
LNK0088	CSI link is not active.
LNK0089	Comm TN failed TN translation.
LNK0090	Comm TN out-of-range.
LNK0092	Invalid HEX input.
LNK0100	Loop number out of range for ENIT/ENXT commands.
LNK0101	Incorrect loop type. Depending on the command, the loop must be TERM, DTI, DLI or MISP.
LNK0102	Shelf number out-of-range.
LNK0103	Card number out-of-range.
LNK0104	Card is not configured.
LNK0105	Unit number is out-of-range.
LNK0106	Maximum number of links configured for selection criteria.
LNK0107	Maximum number of TNs stored for link.
LNK0108	All priorities or message types are out-of-range.
LNK0109	Input/Output block does not exist.
LNK0110	SDI pack is not responding.

LNK0111	CND link not configured.
LNK0132	Superloop number must be a multiple of 4.
LNK0133	Incorrect password for MISP message monitor.
LNK0200	You can not disable the input device because it is currently in use.
LNK0201	This is not a CCR link.
LNK0202	This is not a CSL link.
LNK0203	This is not an APL link.
LNK0204	ICP package not equipped.
LNK0205	No ICP links exist in the system.
LNK0206	There is no MCR available for ICPM.
LNK0207	Message type out-of-range: 0-3, 50-61.
LNK0210	Failed to execute the ENL AML # MDL command. Action: Try the command again.
LNK0211	AML number is out-of-range.
LNK0212	Failed to execute the DIS AML # MDL command. Action: Try the command again.
LNK0213	The command cannot be executed. The input command is illegal.
LNK0214	The command cannot be executed because the CSL package is not equipped.
LNK0215	The command cannot be executed because illegal number of parameters was typed.
LNK0216	The command cannot be executed because the AML number is not valid.
LNK0217	The command cannot be executed because of a syntax error in the command line.
LNK0218	The command cannot be executed because logical AML I/O pointer cannot be setup.
LNK0219	The card type on which the AML is configured is not an MSDL card.

LNK0220	The command cannot be executed because the MSDL card is disabled.
LNK0221	The AML command cannot be processed when the link is disabled or is in process of being disabled.
LNK0222	The command can only be executed when the MSDL AML is in the establish state.
LNK0223	Failed to execute the ENL AML # MON command. Action: Try the command again.
LNK0224	Command not executed. AML application layer (i.e., layer 7) is already enabled or is in process of being enabled.
LNK0225	Command not executed. AML application layer (i.e., layer 7) is already disabled.
LNK0226	Failed to execute the DIS AML # MON command. Action: Try the command again.
LNK0227	Failed to execute the UPLD AML # TBL# command. Action: Try the command again.
LNK0228	The AML is in process of link reset. Action: Wait until the process is finished, then execute the command again.
LNK0229	The command can not be executed because the given card type is not ESDI.
LNK0230	STA number is either out of range or does not exist.
LNK0231	STA package is not equipped.
LNK0232	MSDL card is not operational.
LNK0233	Overlay command failed.
LNK0234	Incorrect number of parameters.
LNK0235	Cannot set up MSDL pointers.
LNK0236	Cannot set up STA related pointers.
LNK0237	STA application is enabled, but the administration terminal is not.
LNK0238	STA application is disabled, but the administration terminal is not.

LNK0239	STAT STA command failed.
LNK0241	You cannot disable that STA application from the STA administration terminal.
LNK0266	The Voice Mailbox Administration package is not equipped.
LNK0267	Cannot set up Voice Mailbox Administration application related pointers. Action: Be sure the application is configured.
LNK0268	The Voice Mailbox Administration application is already enabled. Action: Get the status of VMBA in LD 48. It may be necessary to disable then reenable the application. CAUTION: Prior to disabling the application, be sure no audits, uploads, or updates are in process. These will be lost when the application is disabled.
LNK0269	A mailbox database audit or upload is in progress. Only one process at a time can be activated. Action: Use the STAT command in LD 48 to get application status information.
LNK0270	Cannot activate an upload or audit while the Voice Mailbox Administration application is inactive. Action: Enable the application prior to performing an audit, or upload.
LNK0271	The Voice Mailbox Administration application is already disabled.
LNK0272	When the Voice Mailbox Administration application is disabled, the audit, upload, and update function are also disabled.
LNK0273	Invalid DN type for the audit or upload command. The DN type must be SCR, SCN, MCR, or MCN.
LNK0274	That DN is not configured with a Voice Mailbox, and cannot be audited.
LNK0275	Invalid password for UIPE BRIT debug option (Overlay 48).
LNK0277	Access database error.
LNK0278	ENL or DIS operation failed.
LNK0279	Set subnet mask operation failed.
LNK0283	STAT SDI LOW, ENL SDI LOW and DIS SDI LOW are invalid commands.

MCT—Malicious Call Trace

MCT messages

MCT0604	Test case number does not match its test data.
MCT0606	It is not applicable to Network/DTR card.
MCT0652	MISP expediated buffer not available.
MCT0653	MCT results received of an unknown test.
MCT0654	Can't do loopback on a non-BRI line card.
MCT0655	Data corruption.
MCT0656	The BRI line card is not assigned to the MISP.
MCT0657	No line cards defined at the given TN.
MCT0658	Not an MISP card.

MFR—Multifrequency Receiver

The Multifrequency Receiver card receives multifrequency signals for the Feature Group D package.

MFR messages

MFR0001 I s c u MFR unit did not respond. The specified MFR unit has been disabled. Replace indicated card.

MFR0002 I s c n Self-test of MFR card failed, where: n is the failure description.

1 = EPROM failed

2 = Processor failed

3 = Invalid result

The specified MFR card has been disabled.

Action: Replace indicated card.

MFR0003 tn n1 n2 nn MFR unit failed MF tones test, where n1, n2, etc. is the list of input messages received by the MFR. In a successful test, 30 input messages are received, corresponding to KP, 0-9, ST, ST', ST'' and ST'''. Each tone input messages is followed by an interdigit silence input message. The specified card has been disabled.

Action: Replace indicated card. Suspect faulty MFS if fault persists or if MFR units on more than one card are shown faulty.

MFS—Multifrequency Sender Diagnostic for ANI (LD 46)

The Multifrequency Sender pack provides multifrequency signals of Automatic Number Identification (ANI) digits over Centralized Automatic Message Accounting (CAMA) trunks to a toll switching CAMA, Traffic Operator Position System (TOPS) or Traffic Service Position System (TSPS).

The MFS diagnostic program is used to maintain the MFS cards. Problems are identified in MFS messages.

MFS messages

MFS0000	Program identifier. No action required.
MFS0001	Invalid command. Only the commands listed are allowed.
MFS0002	Incorrect use of command. Action: Refer to command table for correct parameters.
MFS0003	The customer specified does not exist or is out-of-range.
MFS0004	Loop specified is out-of-range.
MFS0005	This command is only allowed to be used from an maintenance set. Action: Abort program and reload from an telephone designated as a maintenance device.
MFS0006	Could not establish a channel connection between the maintenance telephone and the MF sender. Action: Run a signaling diagnostic to find the cause.

MFS

MFS0020 loop	MF sender failed to respond. Minor alarm lamp lit on attendant console. Action: Ensure that faceplate switch is set to ENABLE and that pack is inserted properly. If MF Sender still fails to respond, the pack is faulty.
MFS0021 loop	MF sender has a channel memory fault. Action: Replace pack.
MFS0022 loop	MF sender has a digit buffer memory fault. Action: Replace pack.
MFS0023 loop d	MF sender does not output pulse for the digits d listed. Action: Replace pack.
MFS0024 loop	MF sender has a fault in the FIFO stack memory. This fault is not service affecting. Action: Replace pack.
MFS0100	On ENLX (enable Conference/TDS/MFS card) did not receive the message verifying download completion within six seconds. Action: Disable the card (DISX) and retry the Enable (ENLX) command.
MFS0101	Timeout on Digit Interrupt for Conference/TDS/MFS card.
MFS0102	Cannot use the ENLX (Enable) or DISX (Disable) commands on a non-Conference/TDS/MFS card.
MFS0103	The Conference/TDS/MFS card is already enabled/disabled
MFS0104	Received an unexpected message from a Conference/TDS/MFS card.

MRB—Message Registration Block

MRB messages are output in response to commands or prompts/responses related to the Message Registration feature.

MRB messages

MRB0028	The unit to be tested is not message waiting PBX type.
MRB0029	The unit to be tested is not idle.
MRB0030	The unit to be tested is not lamp equipped.
MRB0900	Wrong number of input fields to prompt 'FUNT'.
MRB0901	Unable to match input with stored mnemonics for prompt.
MRB0910	Wrong number of input fields for prompt 'REQ' when function 'MRBK', 'CRST', or 'DISP' has been invoked.
MRB0911	Unable to match input with stored mnemonics.
MRB0912	WARNING: Unprotected data store below safety limit.
MRB0913	WARNING: Protected data store below safety limit.
MRB0920	Wrong input type for prompt DBGN, BFNO.
MRB0921	MR data block number out-of-range (0-99).
MRB0922	Block already exists.
MRB0923	Block does not exist.
MRB0930	Wrong input type for prompt DLST, LSRM.

MRB

MRB0931	Entry for prompt DN out-of-range (0-99).
MRB0932	Last room number illegal (0-99).
MRB0940	Wrong input type for prompt DN, RMNO.
MRB0941	DN or room number out of assigned range.
MRB0950	Input parameter must be between 0 and 24, inclusive.
MRB0951	Input parameter must be between 0 and 7, inclusive.
MRB0952	CRT/TTY has not been allocated for MR in the configuration record.
MRB0961	Enter parameter between 0 and 31, inclusive.
MRB0962	Customer does not have any MR blocks allocated.
MRB0963	Password does not have access to this customer data.
MRB0971	Enter parameter between 0 and 31 inclusive.
MRB0980	Wrong number of input fields to prompt 'all'.
MRB0981	Unable to match input with stored mnemonics for prompt 'all'.
MRB0990	Wrong input data type.
MRB0991	Number of input characters greater than four.

MSDL—Multi-purpose Serial Data Link

The MSDL provides 4 ports for applications such as

- ISDN Primary Rate D-channel (DCH)
- Application Module Link (AML)
- Input/output devices (TTY)

The T1 multipurpose digital interface (TMDI) provides support for a digital trunk interface (DTI or PRI) and integrated ISDN Primary Rate d-channel (DCH). The TMDI uses MSDL messages to report problems with the card or its applications. TMDI commands are provided in LD 96.

MSDL messages

MSDL0001	The number of parameters for the TMDI command is incorrect.
MSDL0002	The card number in the command is out-of-range or invalid.
MSDL0003	Since this command is only valid for use on the TMDI card in this Overlay, the first parameter must be TMDI.
MSDL0004	Cannot reset the card (or execute self-tests) right now because the card is not in Manually Disabled state (MAN DSBL).
MSDL0005	Failed to reset; could not write command to card. Card is probably not present, or the (address) switch settings on the card do not agree with the database.
MSDL0006	Cannot enable the card unless it is in Manually Disabled (MAN DSBL) state.
MSDL0007	Cannot disable card unless it is in the Enabled (ENBL) state.
MSDL0008	Cannot reset the card (or execute self-tests) on the card right now since the device enabled bit is set, meaning a message response is currently pending.

Action: Attempt the self test command again; when the response pending condition clears, as long as the card is Manually Disabled, the reset (and self tests) should execute.

MSDL0011 No response received to the enable card command.

MSDL0012 The response message from the card to the Overlay indicates failure to enable/disable.

MSDL0014 No response received to the disable card command. The card is set to the Manually Disabled (MAN DSBL) state anyway.

MSDL0015 The command entered requires that a message be sent to the TMDI. The Meridian 1 was unable to build the message since the buffer was not free. Try again later. If this message continues to be generated, then:

Action: If the card is enabled, wait for a few minutes, as the card may have encountered a problem that warrants recovery, or if the card is manually disabled, reset the card using the RST TMDI x command, or execute self tests using the SLFT TMDI x command.

MSDL0016 Failed enable attempt. If this message is not accompanied by any other error message, the card may be in the process of performing self-tests or the self-tests may have already failed.

Action: Wait a few minutes, then execute the self-tests with the SLFT TMDI x command. If self-tests pass, try to enable the card again.

MSDL0017 At least one of the ports on the TMDI is currently enabled. Disabling the card is disallowed when ports are enabled unless the DIS TMDI x ALL command is used.

MSDL0018 The fourth parameter of the command is unrecognized or unimplemented.

MSDL0019 The command entered required that information be read from the TMDI. The specified TMDI is not present in the system, and the information could not be read.

MSDL0020 The command entered required that the application information block on the TMDI be read by the Meridian 1. The block is currently being updated by the TMDI, and the system could not read the block.

Action: Try again.

MSDL0021 Began to download the TMDI basecode but stopped before finishing. There should be an accompanying SDL error message, so refer to the information on that message for the failure reason.

MSDL0022	The rest of the information output in response to this command is resident on the card. The card is not enabled, and the information cannot be read.
MSDL0024	The Meridian 1 began to download an TMDI application but stopped before finishing. Action: There should be an accompanying SDL error message, so refer to the information on that message for the failure reason.
MSDL0025	There is currently maintenance activity on the application in question. Action: Wait a few minutes and try again.
MSDL0026	Disabling the TMDI when the active TTY is supported by it is not allowed.
MSDL0027	Time out waiting for the self tests to complete. Action: Wait at least five minutes, then try again. Under certain unusual circumstances, self-tests can take approximately five minutes; however, this should only occur when the flash EPROM on the card is new or has been completely erased.
MSDL0028	Cannot enable the card because it is not present in the system. Action: If the card in question is believed to be present, check if the switch settings on the card agree with the device number entered in this command.
MSDL0029	Incorrect password entered in response to the ENL TMDI x DBG command.
MSDL0030	The debug option for this card has already been turned on.
MSDL0031	The ENL TMDI x ALL command is only valid when the TMDI is in the ENBL or MAN DSBL state.
MSDL0032	The TMDI card was removed from its slot, or the card reset itself during the self-tests. Action: If the card was removed, execute the self-tests again and do not remove the card from its slot until the tests are complete. If the card was not removed, execute the self-tests again. If this message appears more than twice, replace the TMDI card.
MSDL0100 x	The CSTAT and CSUBSTAT fields on TMDI x indicate the card is Manually Disabled. The Meridian 1 believes the card is Enabled. The card is placed in the System Disabled - Self- tests Passed state, and within the next few minutes, the Meridian 1 will attempt to enable the card.

MSDL0101 x	The CSTAT field on TMDI x indicates the card is no longer Enabled. The Meridian 1 will attempt to return the card to an Enabled state within a few minutes. Under certain conditions, this message is output at the same time as MSDL302.
MSDL0102 x	No response was received from TMDI x to a background polling message sent periodically to each TMDI card. The purpose of this message is to ensure that the card is capable of receiving and sending messages.
MSDL0103 x	An Overlay was waiting for a message from TMDI x. Most likely, the Overlay is no longer loaded. The message the Overlay was waiting for was never received.
MSDL0104 x	The TMDI background audit sent a message to TMDI x, and did not receive a response.
MSDL0105	The CSTAT value read from the TMDI is invalid. This indicated one of two error conditions: 1. The card has encountered a severe hardware fault so that it is unable to report the error to the Meridian 1.
MSDL0106 x appl	The TMDI audit detected that there was no response to a maintenance message originated by an application (appl) on TMDI x.
MSDL0107 x appl y	The Meridian 1 was unable to determine if downloading was necessary. An SDL error message should accompany this message and describe the reason for the failure. Three fields accompany this message: x = slot number (LD 17 DLOP), appl = the application name, and y is for design use only.
MSDL0108 x appl	An application on TMDI x needs to be downloaded to the card. Downloading begins as soon as there is no Overlay loaded. Where: x = slot number (LD 17 DLOP) and appl = the application name.
MSDL0112 x	TMDI x has been reset in order to begin automatic recovery. Immediately following this message, the card is executing self tests. When they are finished, provided they pass, the Meridian 1 will attempt to enable the card. Where: x = slot number (LD 17 DLOP).
MSDL0201 x appl	TMDI x sent a message to the Meridian 1 indicating an application data space has been corrupted. Where: x = slot number (LD 17 DLOP) and appl = the application name.
MSDL0202 x appl	TMDI x sent a message to the Meridian 1 indicating that an application on the card unexpectedly disabled itself (performed a “close”). Where: x = slot number (LD 17 DLOP) and appl = the application name.

MSDL0204 x appl The Meridian 1 searched the system to find a version of an application for TMDI x and found none. Where: x = slot number (LD 17 DLOP) and appl = the application name.

MSDL0205 x appl y z An error was encountered when searching the system to find a version of an application for TMDI x. Refer to an accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application in question if a version exists on the card.

Where: x = slot number (LD 17 DLOP) and appl = the application name. (y and z are for design use only)

MSDL0206 x appl y z An error was encountered when comparing a version of an application on the system with the version on TMDI x. Where: x = slot number (LD 17 DLOP) and appl = the application name. (y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. This message indicates that the Meridian 1 will attempt to enable the application if a version exists on the card.

MSDL0207 x appl y z An error was encountered when downloading an application to TMDI x. Where: x = slot number (LD 17 DLOP) and appl = the application name. (y and z are for design use only)

Action: Refer to the accompanying SDL error message for the exact error reason. The entire enable sequence has been aborted.

MSDL0208 x When preparing to download the base software to TMDI x, the card indicated that some kind of fatal error was encountered. Where: x = slot number (LD 17 DLOP).

Action: Execute self-tests before attempting any other action regarding this card.

MSDL0209 x y z Some memory was reclaimed within the TMDI for future use. An application on TMDI x requested that a buffer pool be freed. When this occurred, there was at least one outstanding buffer. The basecode waited for the buffer(s) to be returned to the pool before freeing the buffers, but it never returned. The buffer pool was forcibly freed by the basecode. Where: x = slot number (LD 17 DLOP) (y and z are for design use only).

MSDL0210 Failed to enable the TMDI for one of the following reasons:

The card in question is not an TMDI card. For example, there may be a card in the system with switch settings that correspond to the TMDI, but is in fact not an TMDI card.

There is at least one other card in the system with switch setting identical to the TMDIs.

Action: Remove the card with the same device number as the TMDI.

- MSDL0211 Attempt to enable T1E1 application during ENLL timed-out. RST DMDI in LD 96, then try again.
- MSDL0212 TMDI card could not enable T1E1 application. RST DMDI in LD 96, then try again.
- MSDL0213 T1E1 application is in transient state and could not be enabled. Wait, then try ENLL again.
- MSDL0214 Request to enable DTI port on TMDI failed.
- MSDL0215 Request to disable DTI port on TMDI failed.

MSDL0300 data The TMDI background audit has changed the card state. In the cases where the card was previously enabled and now is no longer enabled, another TMDI message will indicate the reason for the state change. When making a state transition due to a fatal error on the card, the reason for the fatal error is displayed in this message. This is an informational message and requires no action by the craftsperson.

Output data: TMDI300 x FROM: aaaa TO: bbbb TIME time REASON cccc

Where:

x = TMDI card number (in decimal)

aaaa = the status of the TMDI prior to the state change

bbbb = the state of the card after the state change

time = the time of the state change

cccc = reason for the error (only when "TO: SYS DSBL - FATAL ERROR")

MSDL0301 x y z An expedited data unit was received. The Meridian 1 is not expecting TMDI x to generate any messages in its current state. However, immediately following a state transition to a disabled state, a pending message may cause this message to be displayed. This informational message indicates that the incoming message from the card was not processed due to the state change. No action is required.

Where: x = slot number (LD 17 DLOP) and appl = the application name. (y and z are for design use only)

- MSDL0302 x y** Access to the memory space shared by the Meridian 1 and the TMDI (Shared RAM) has been momentarily suspended by TMDI x. There is no specific action to be taken as a result of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.
- Where: x = slot number (LD 17 DLOP) and y = the reason for the suspension. Currently the only reason supported is the value "1," which indicates that some kind of buffer corruption was detected.
- MSDL0303 x y** The Meridian 1 detected corruption in either the receive ring or the transmit ring or both, causing access to the memory space shared by the Meridian 1 CPU and TMDI x (Shared RAM) to be momentarily suspended.
- Take no action because of this message; however, it indicates that message transfer between the Meridian 1 and the card ceased momentarily.
- Where: x = slot number (LD 17 DLOP) and y = a decimal number indicating where the corruption was detected. 1 means receive ring, 2 means transmit ring, and 3 means both receive and transmit rings.
- MSDL0305 x y** The Meridian 1 received 100 or more messages from TMDI x within two seconds. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer does not warrant removing the card from service.
- Where: x = slot number (LD 17 DLOP) and y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)
- MSDL0306 x y** The Meridian 1 has received 100 or more messages from TMDI x within one second. At this level of message transfer, there may be some impact to the overall system performance. The level of message transfer warrants removing the card from service.
- Where: x = slot number (LD 17 DLOP) and y = the rate of message transfer from the card to the Meridian 1 (in terms of messages per second)
- MSDL0307 x data** TMDI x encountered a fatal error. Where: x = slot number (LD 17 DLOP). The data following x is information read from the card regarding the error and is intended for design use only.
- MSDL0308 x y appl data** TMDI x reported that it received a message with an invalid (bad) socket ID. Where:
- x = slot number (LD 17 DLOP)
- y = the socket ID appl = the application name
- data = up to eight words of hex data representing the message sent

MSDL

MSDL0309 TMDI output buffer still in queue. Try again, or RST TMDI in LD 96.

MSDL0310 TMDI output not sent to card. Try again, or RST TMDI in LD 96.

MWL—Message Waiting Lamps Reset (LD 61)

The Message Waiting Lamps Reset program (LD 61) can be invoked automatically by the system as part of the daily routines or manually from an input device. It is used to deactivate all active Message Waiting lamps on user stations and reset the associated status in the system. Problems are identified in MWL messages.

The program does not reset lamp status unless all message center sets are out-of-service. For instance, the message center is closed and attendants are in Night Service.

This program cannot be applied to digital sets.

When LD 61 is loaded manually, 'G' is entered to initiate the task.

MWL messages

MWL0000	Program has been loaded.
MWL0001	Invalid command. Action: Reenter command.
MWL0002	Cannot deactivate MW lamps until all MC agents out-of-service. Action: Take all MC out-of-service if possible.
MWL0003	Cannot deactivate MW lamps until all attendants in Night Service. Action: Take all MC attendants out-of-service. Operate night key.
MWL0500 dn tn	The TN specified has been flagged as having a faulty lamp. The unit status has been set to normal.

Action: Check the lamp(s) visually or by using LD 32 PBXT command.

Meridian 1

Option 11C Compact

System Messages Guide

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